

Figure 1A

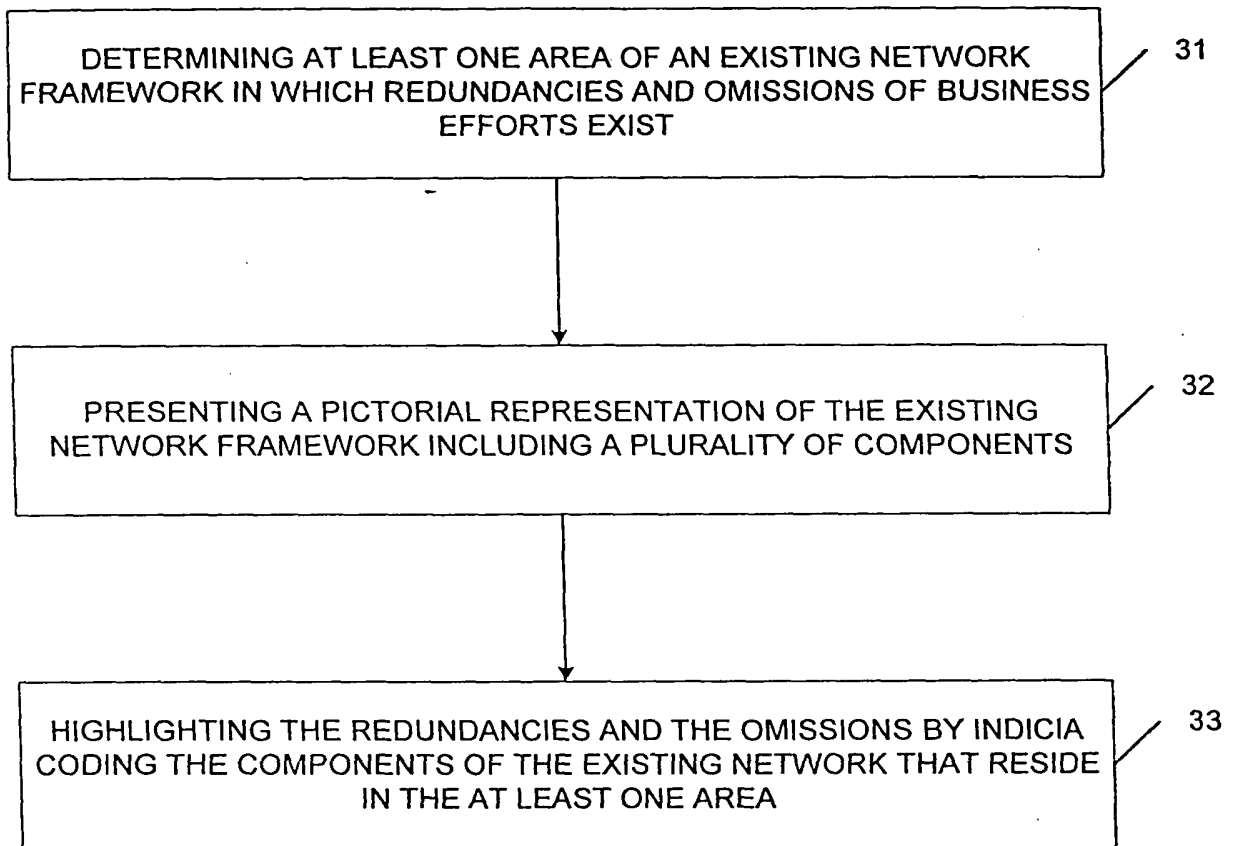


Figure 1B

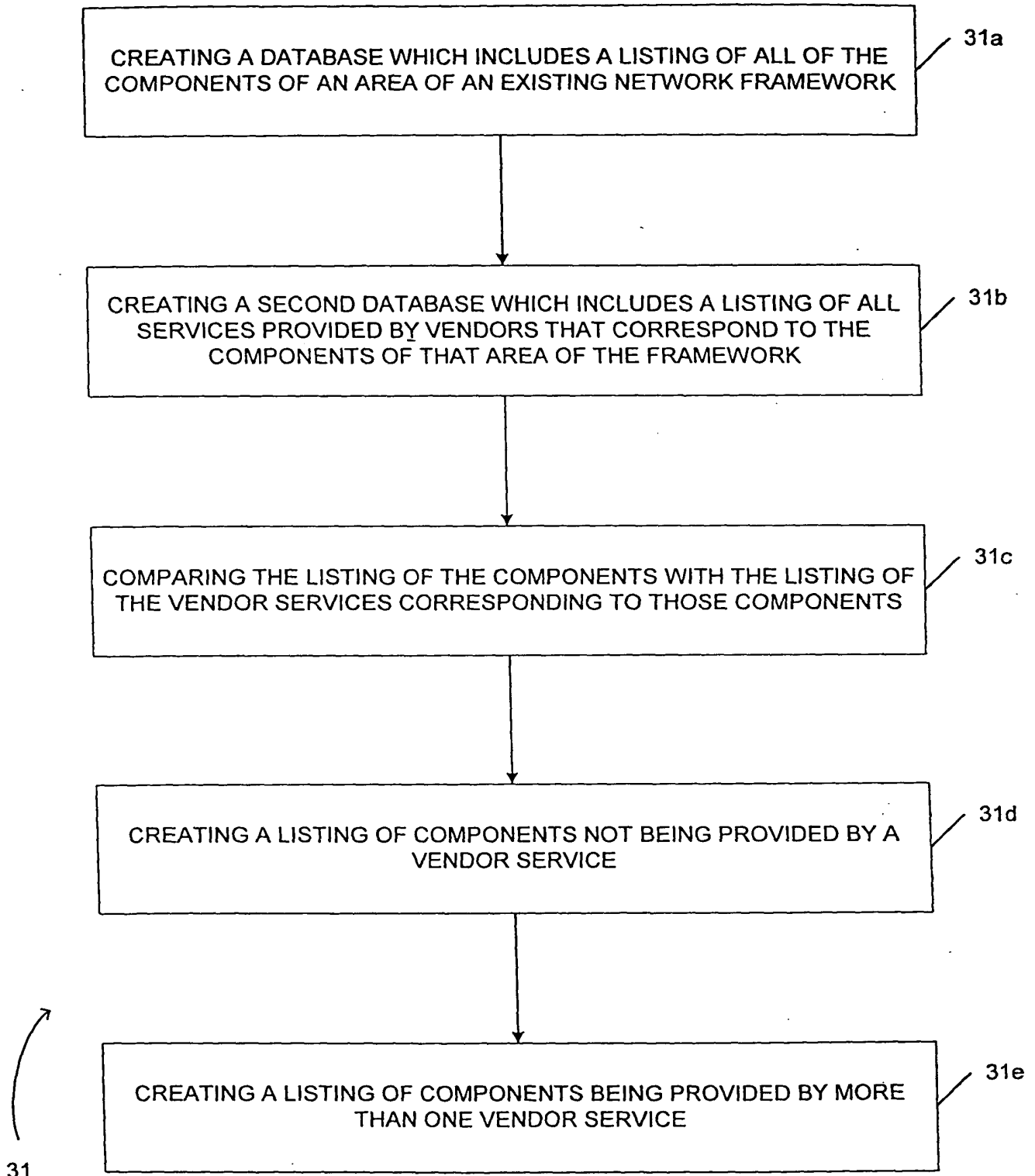
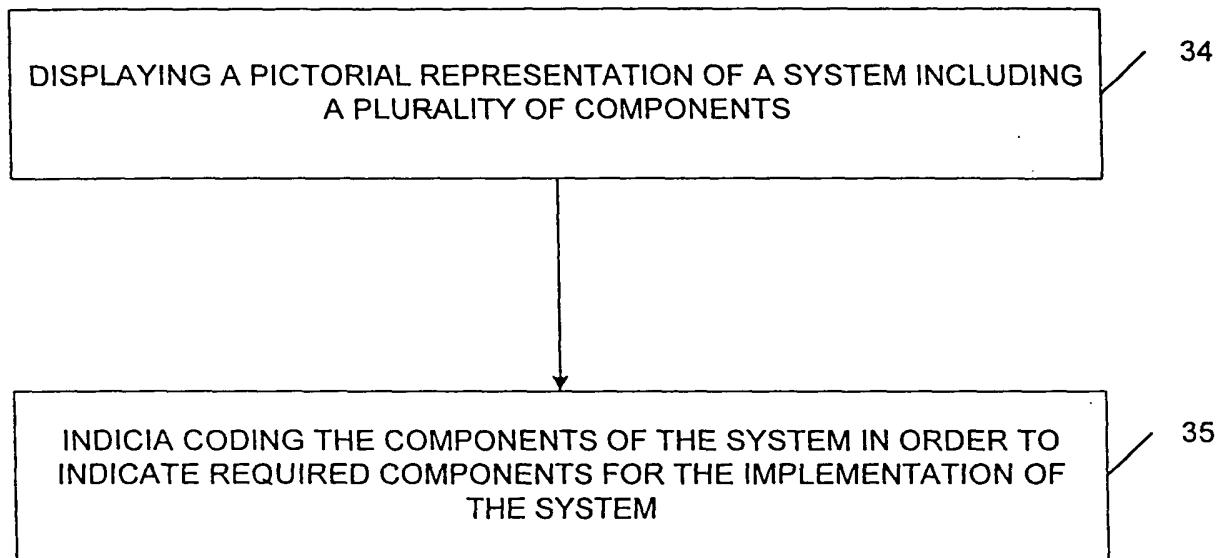


Figure 1B-1



14

Figure 1C

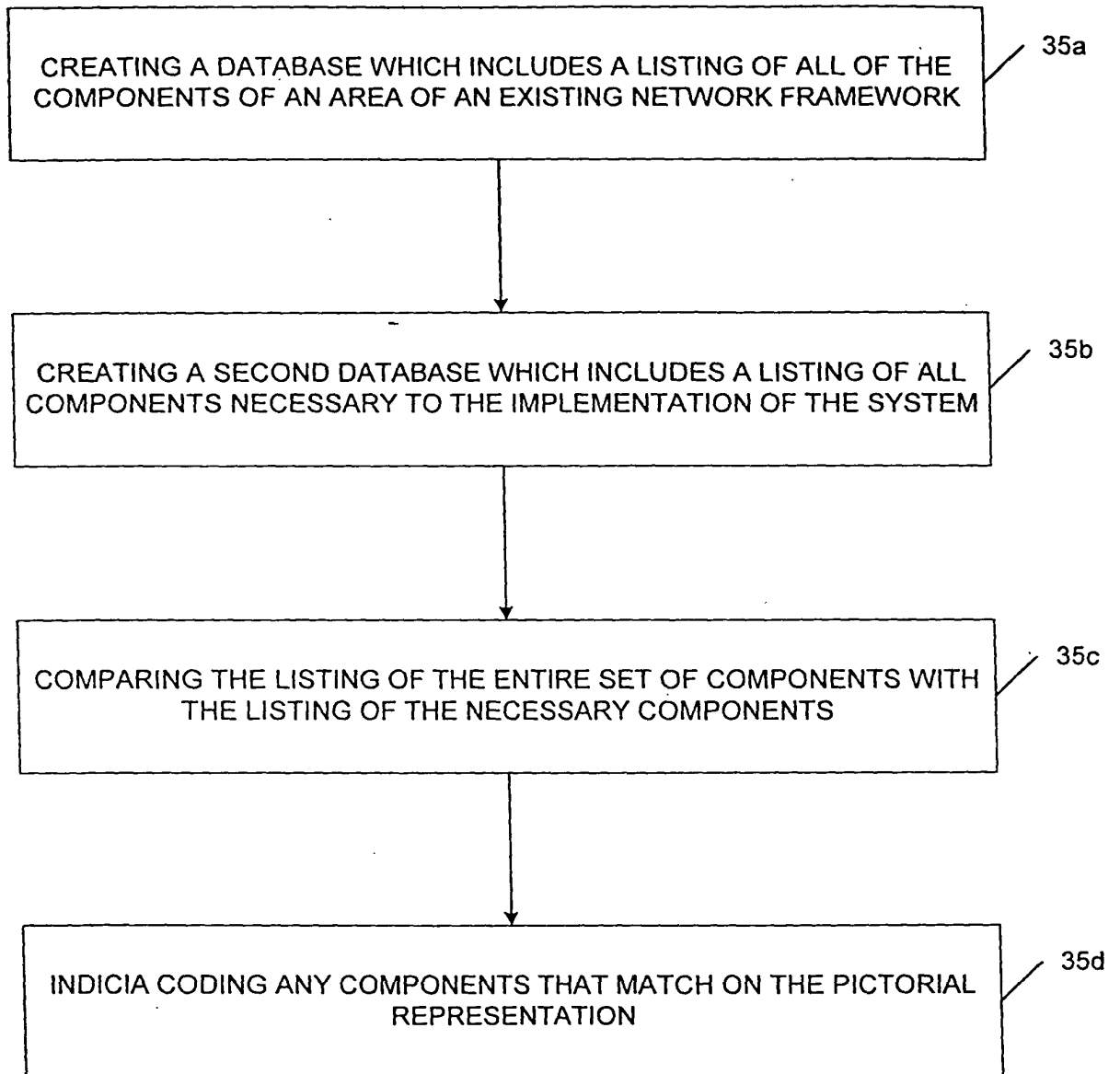
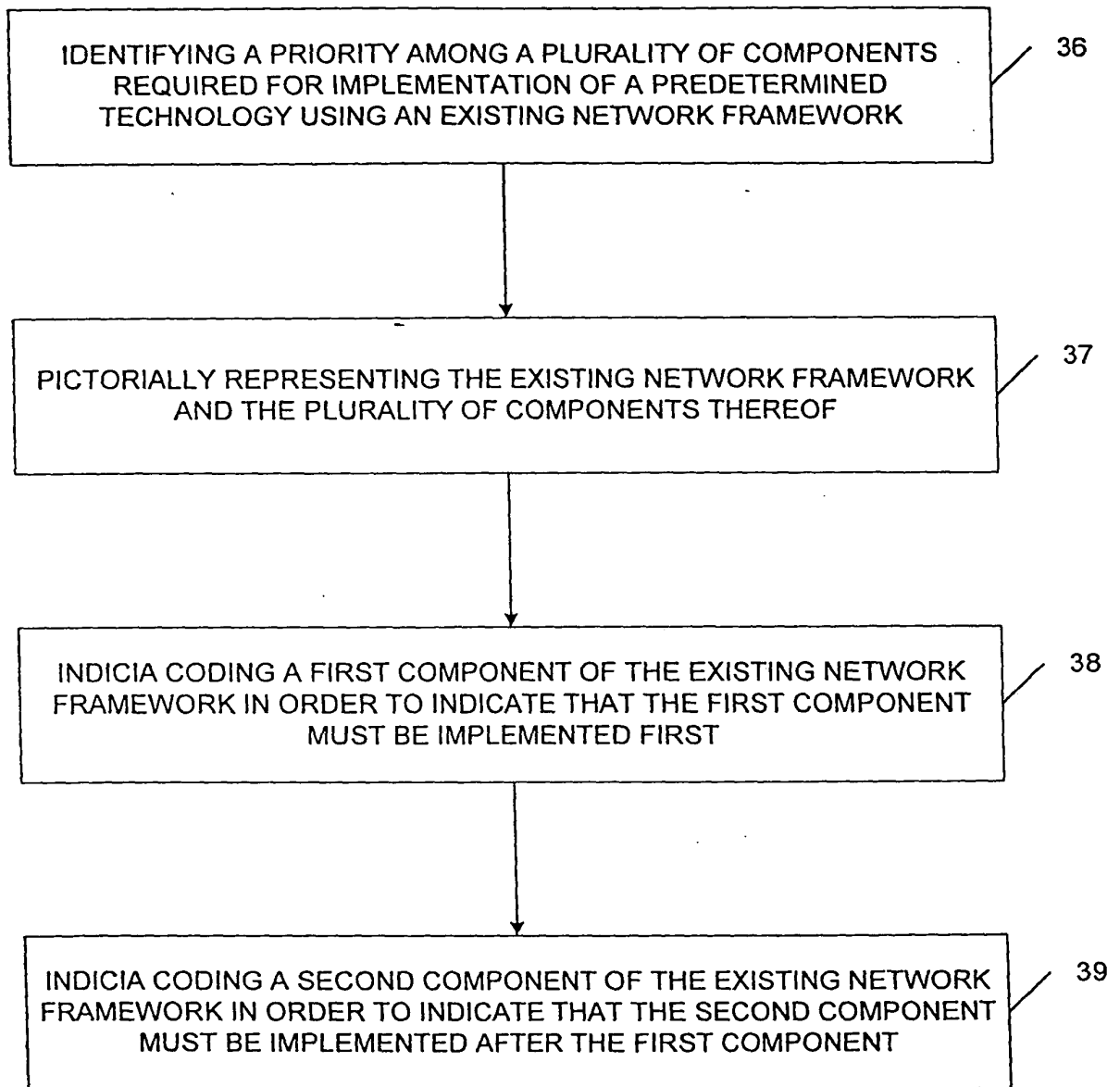


Figure 1C-1



16

Figure 1D

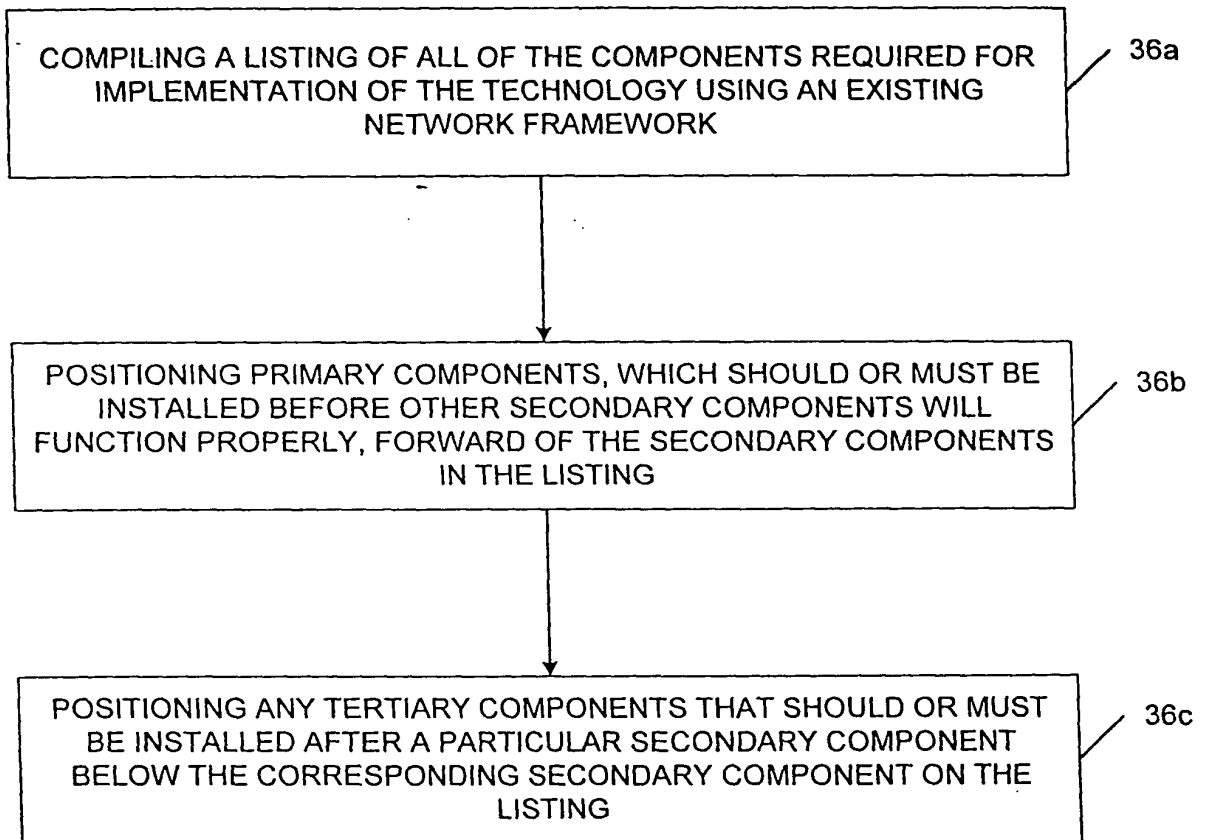


Figure 1D-1

36

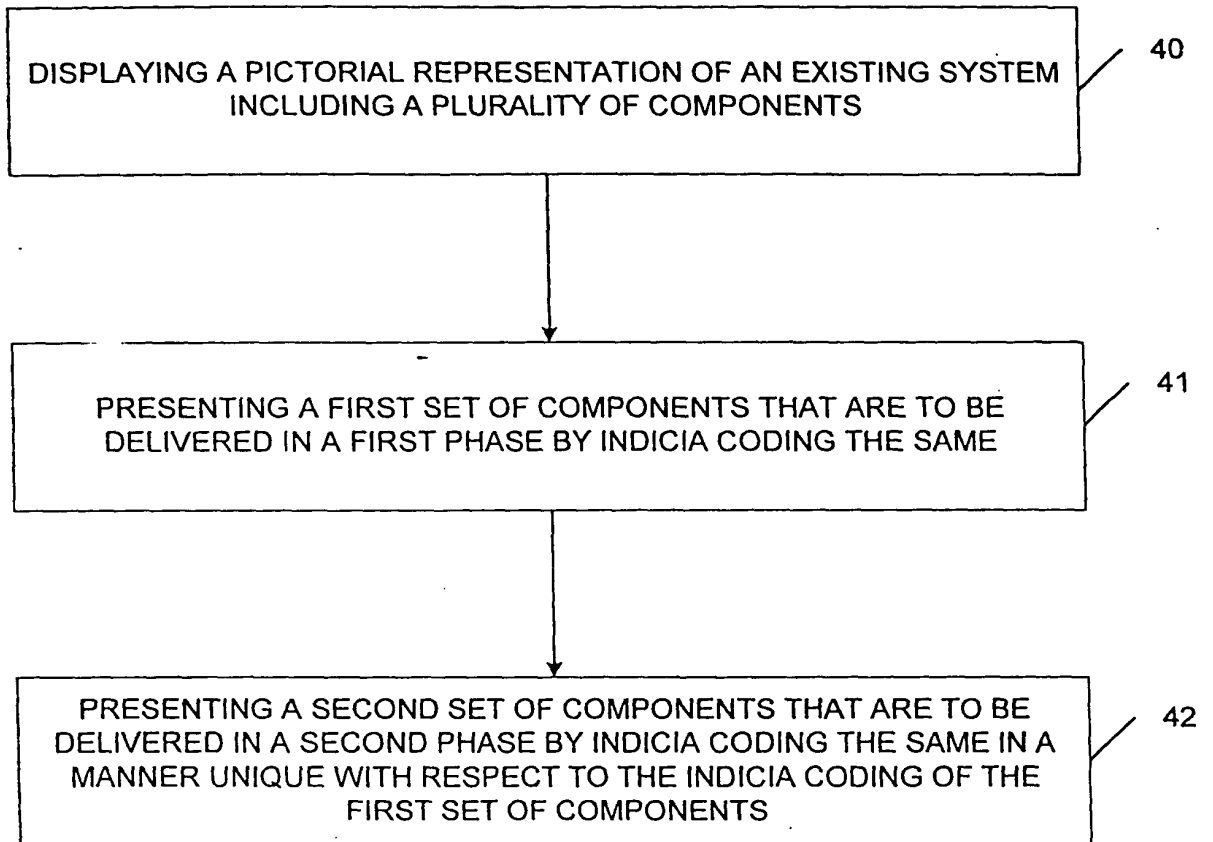


Figure 1E

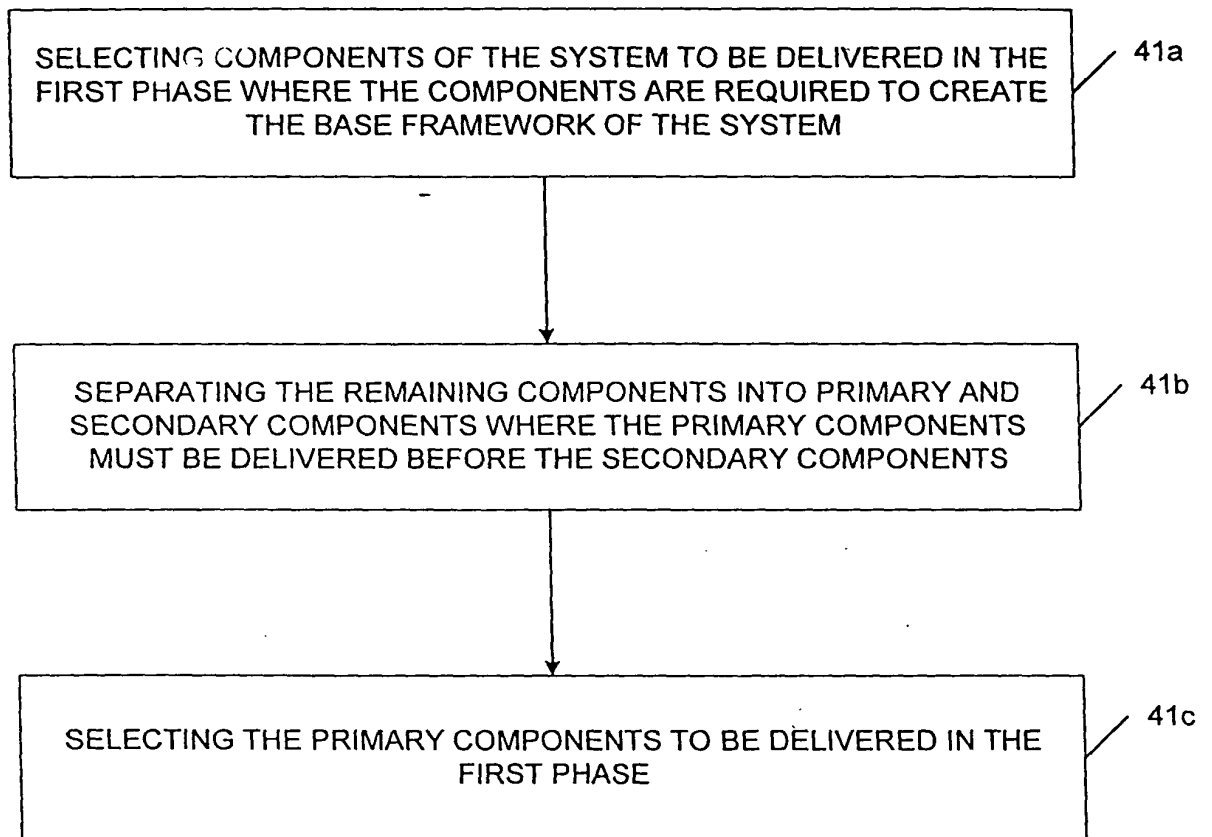


Figure 1E-1

41

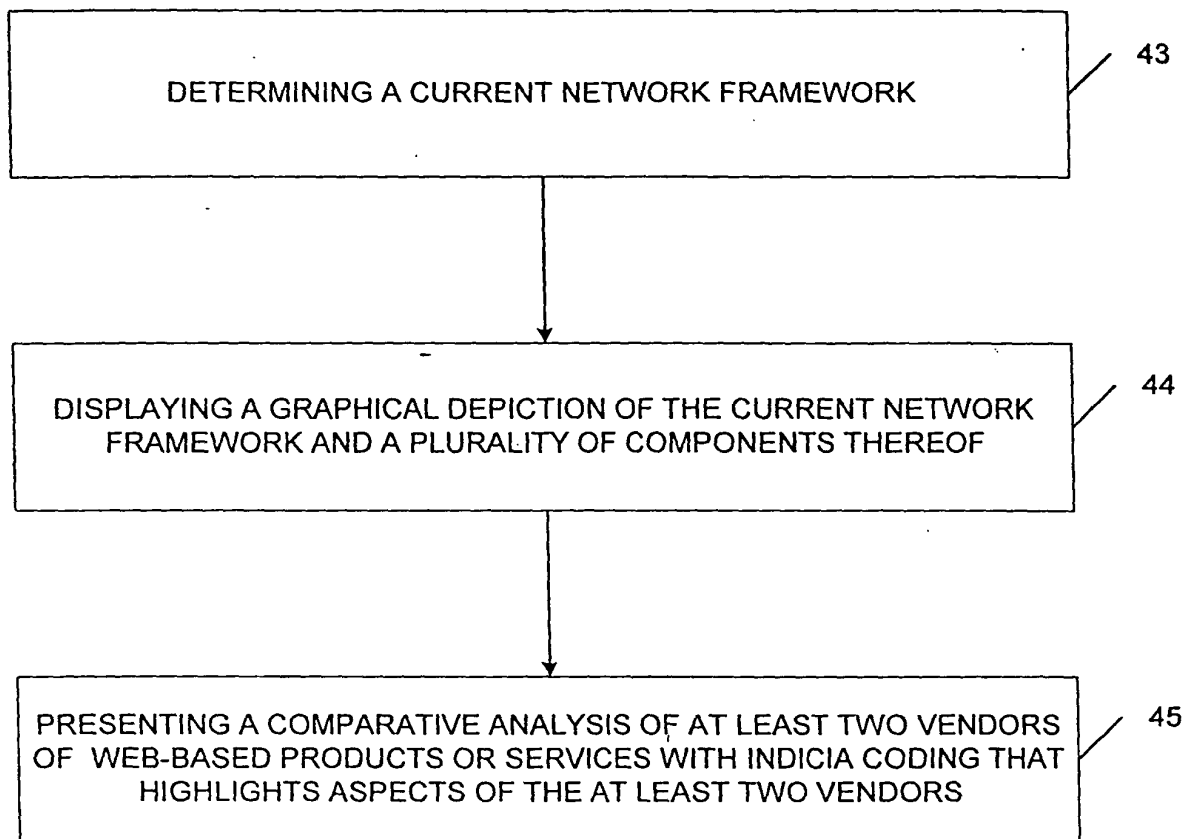


Figure 1F

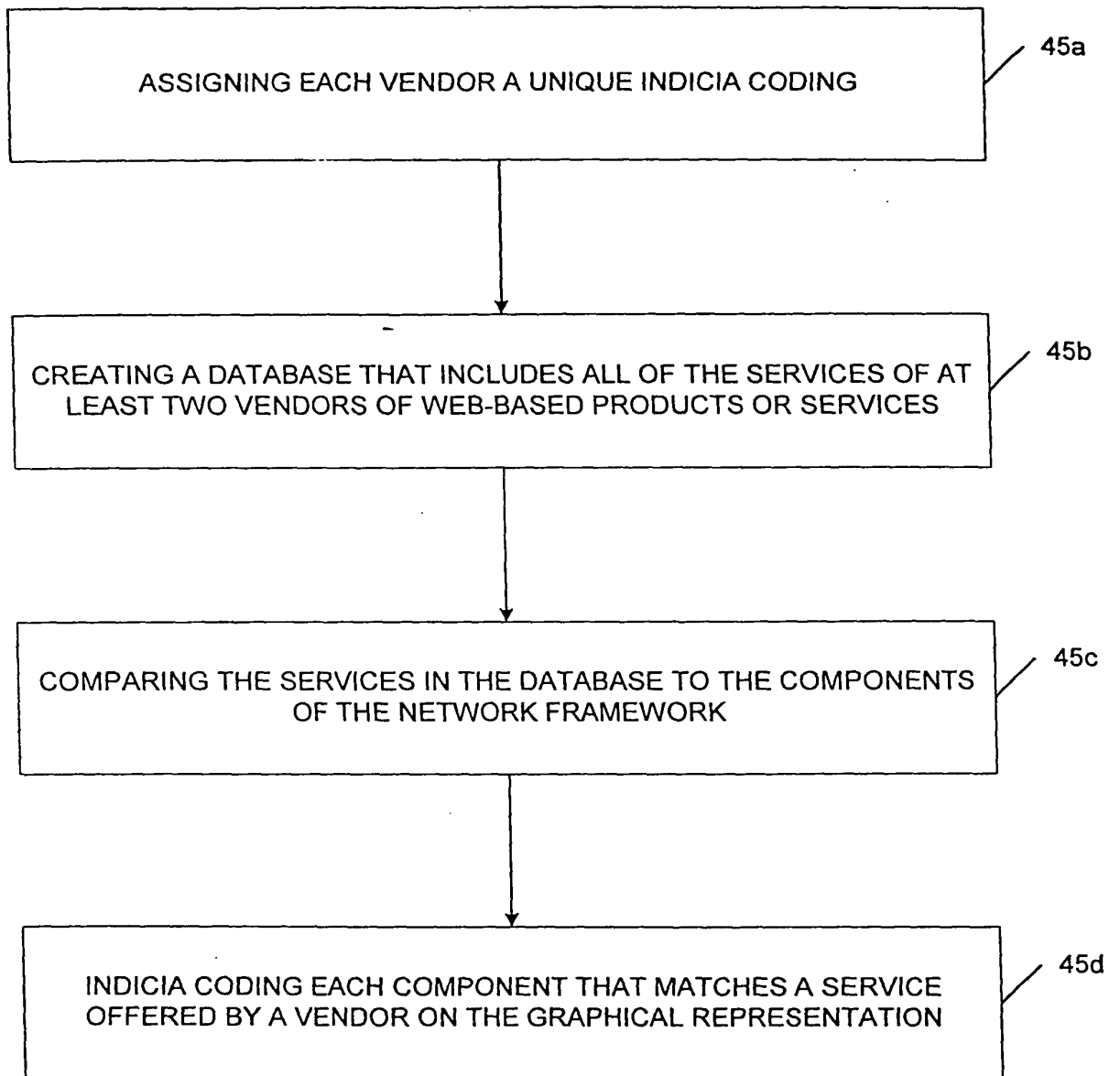
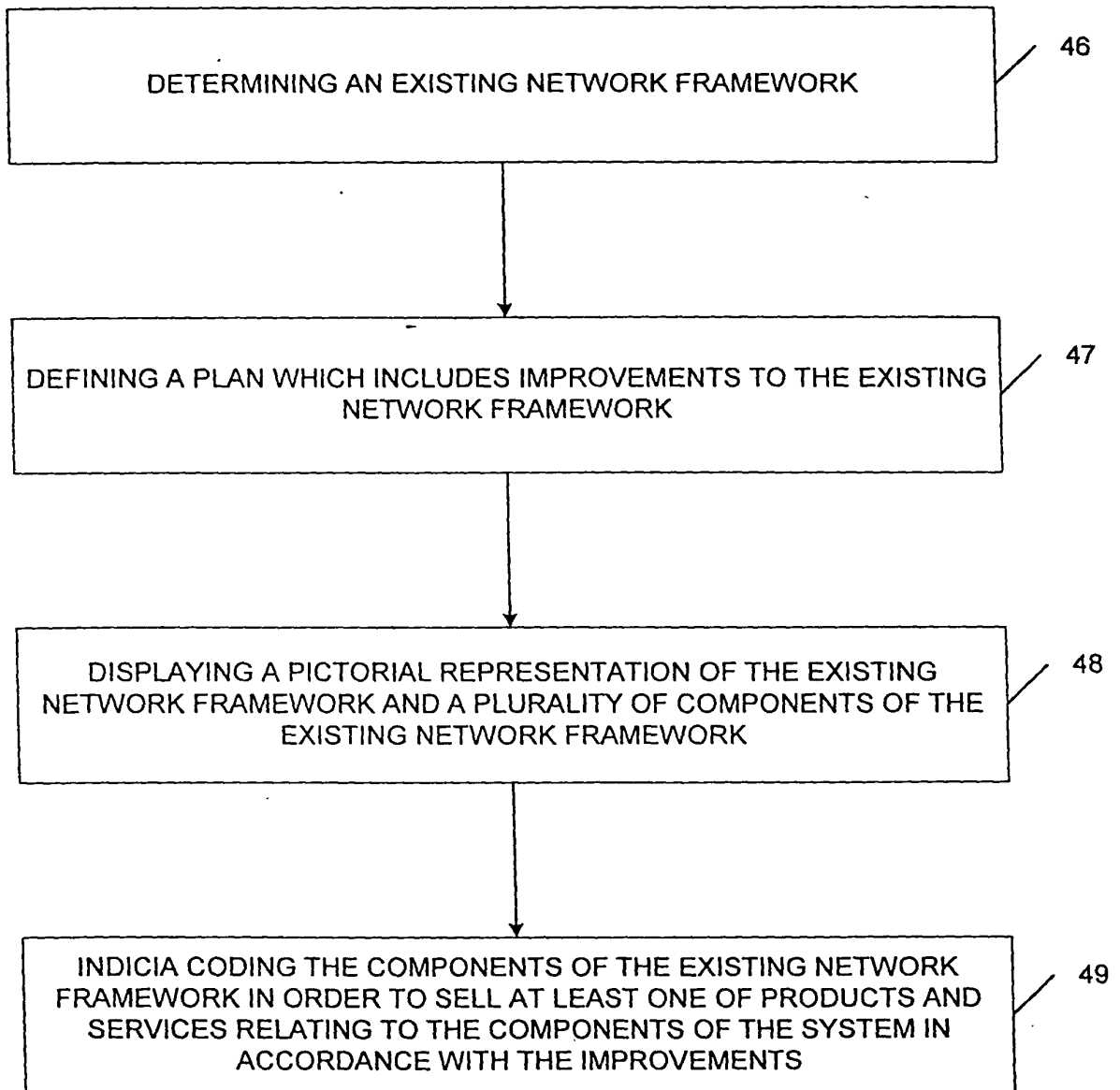


Figure 1F-1



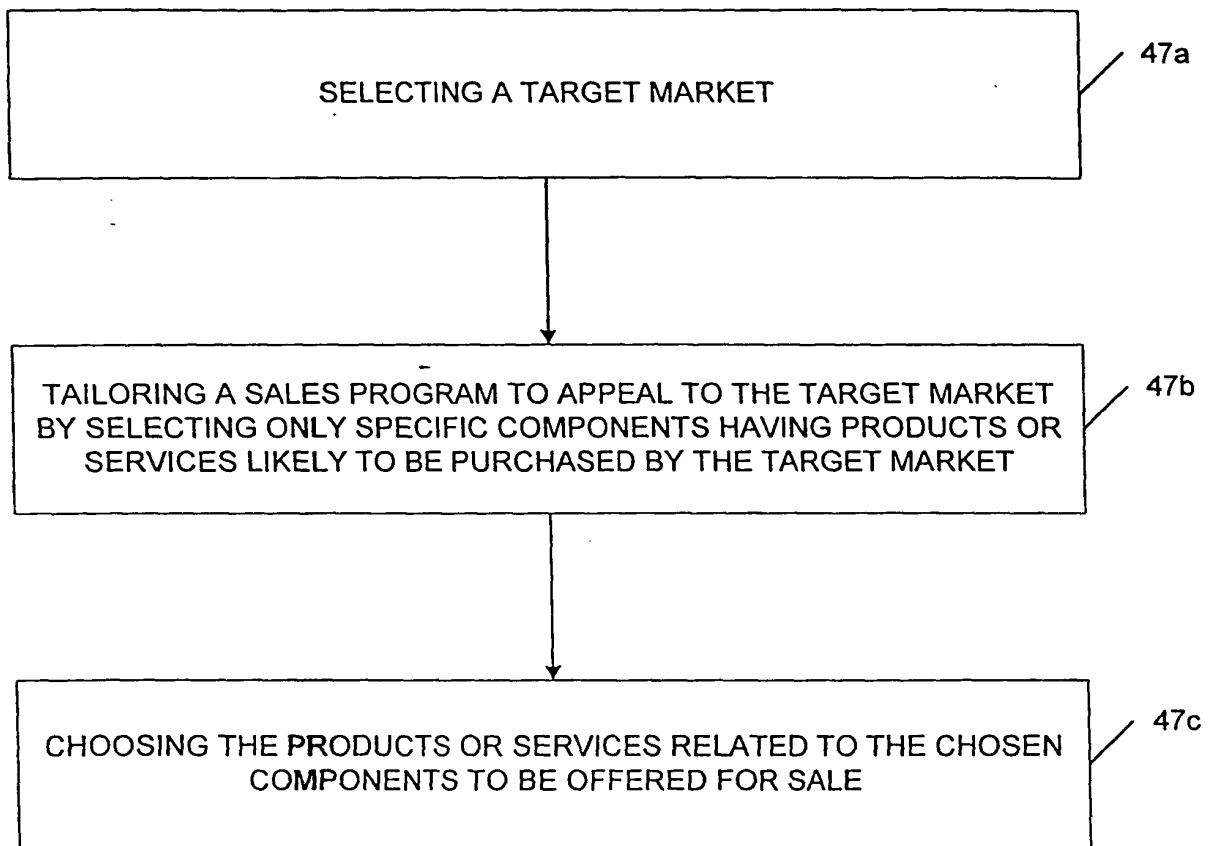
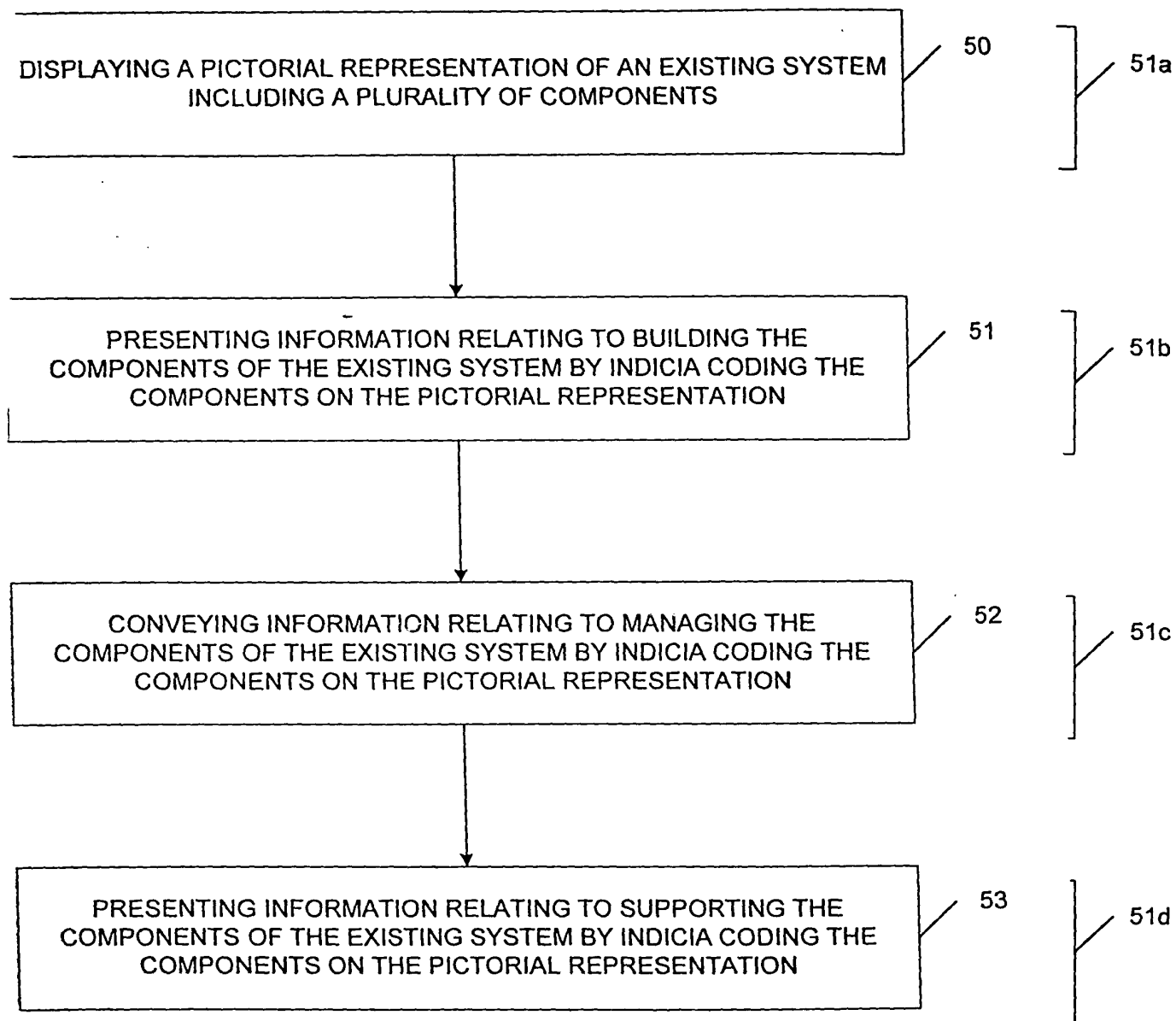


Figure 1G-1

47



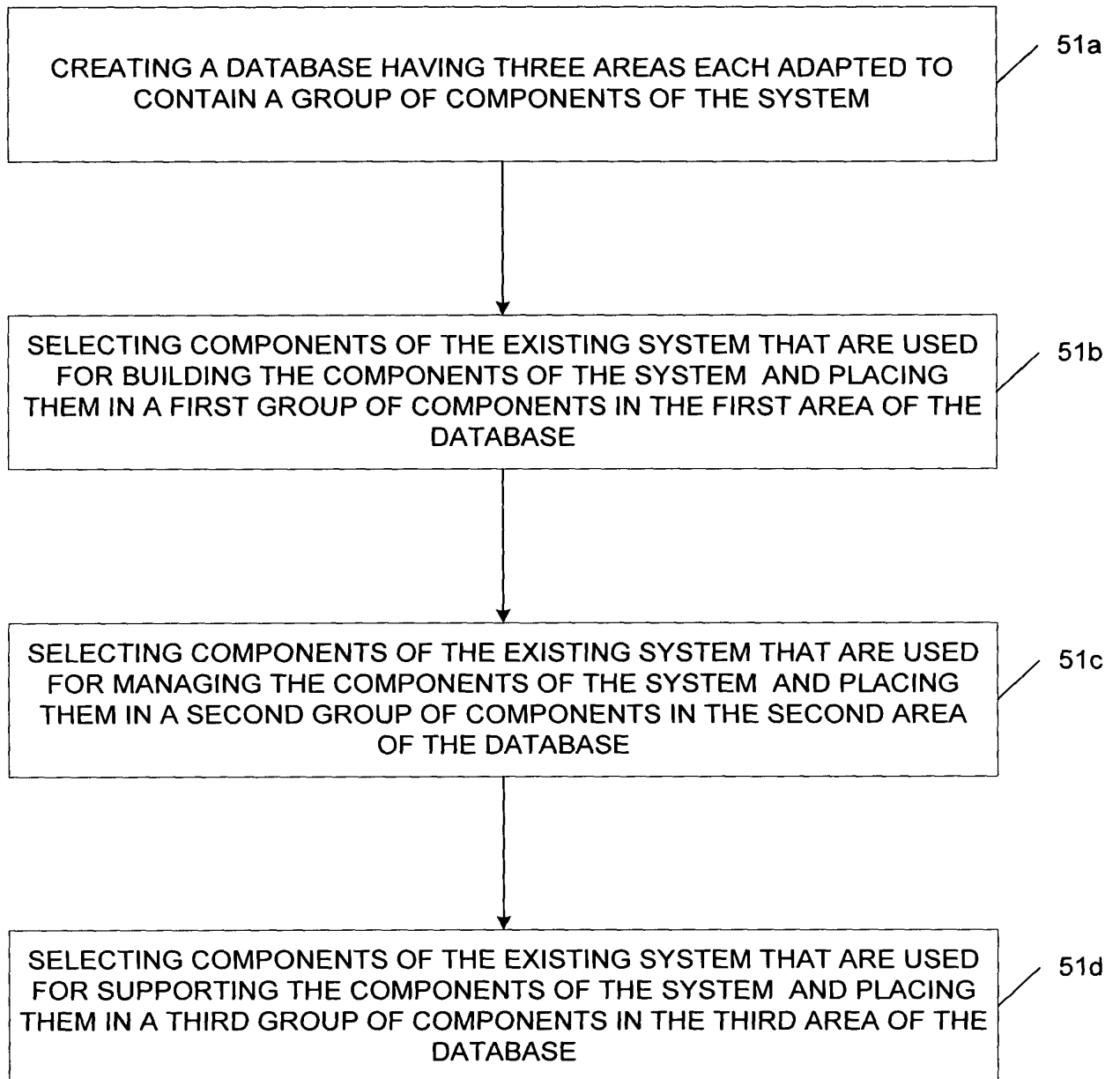


Figure 1H-1

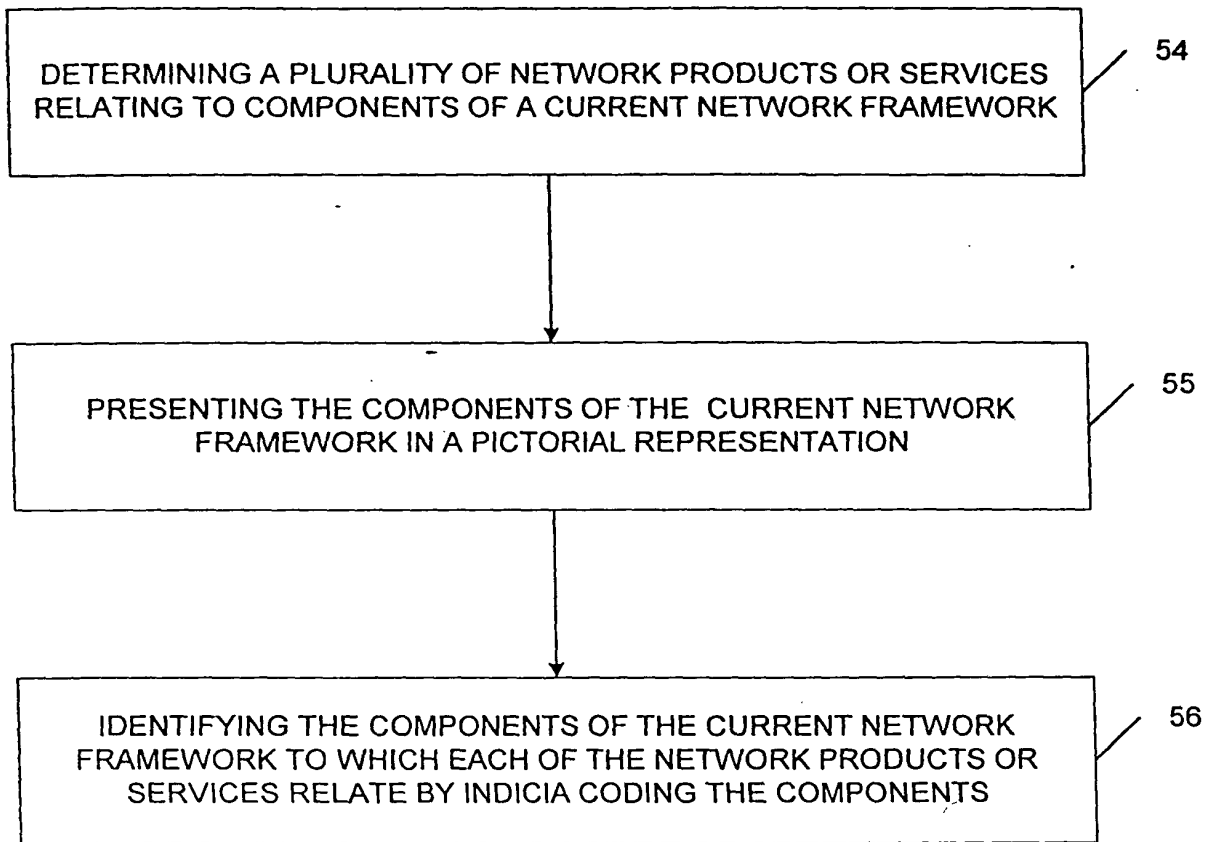


Figure 11

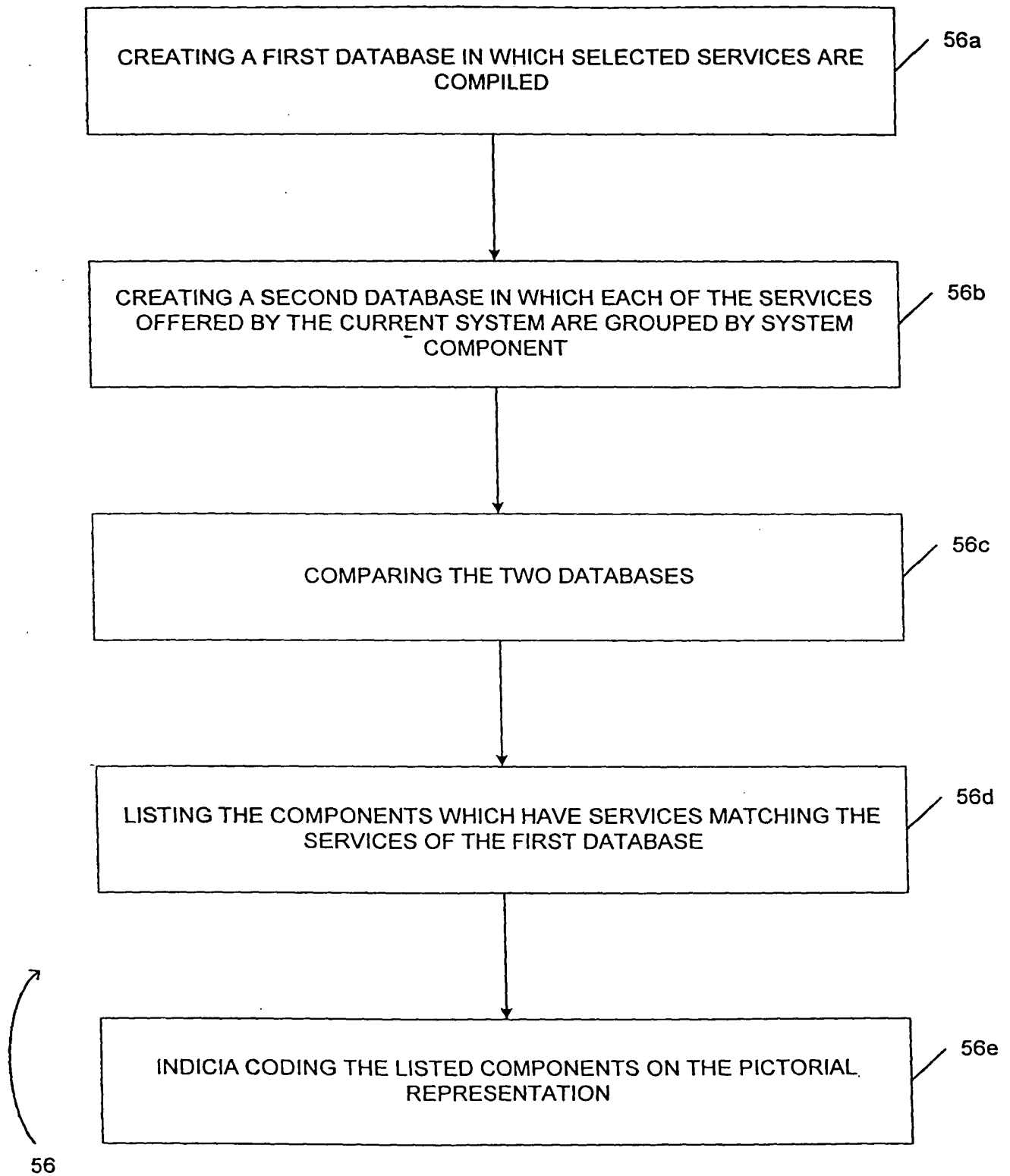


Figure 11-1

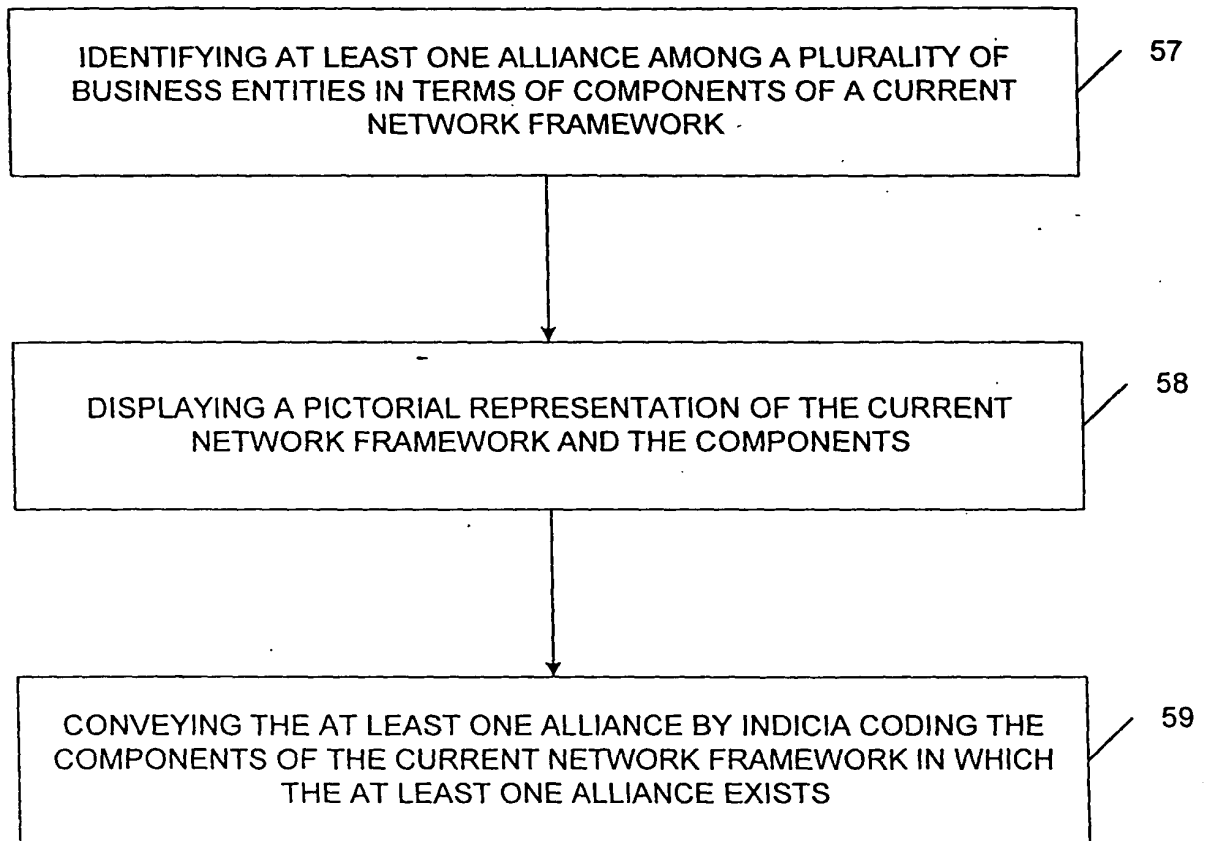
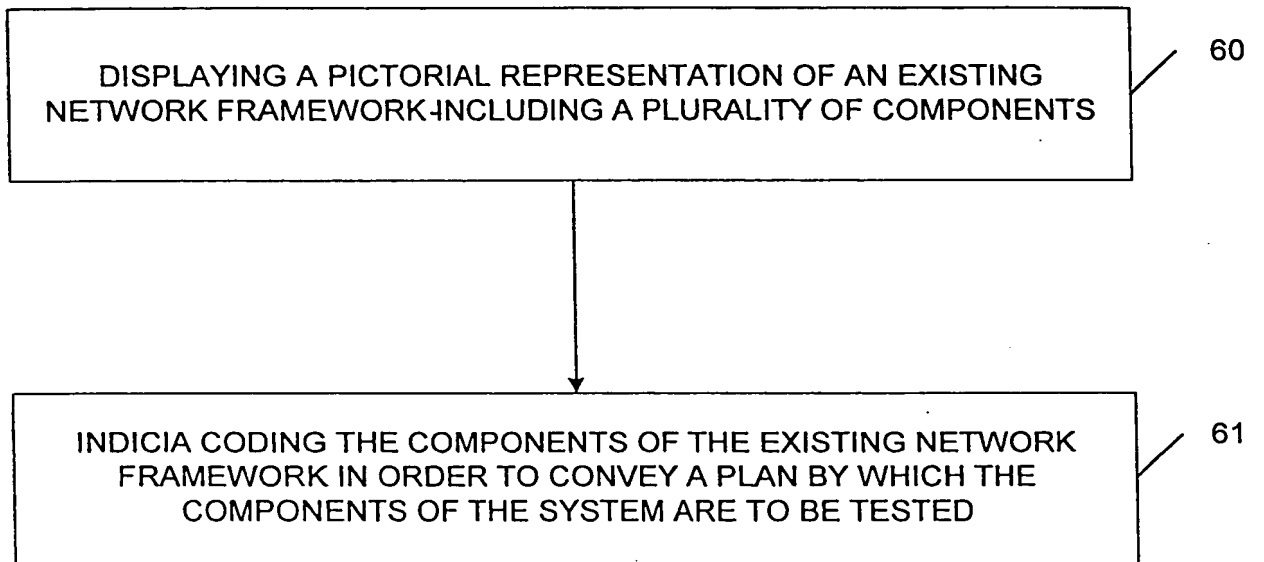


Figure 1J



30

Figure 1K

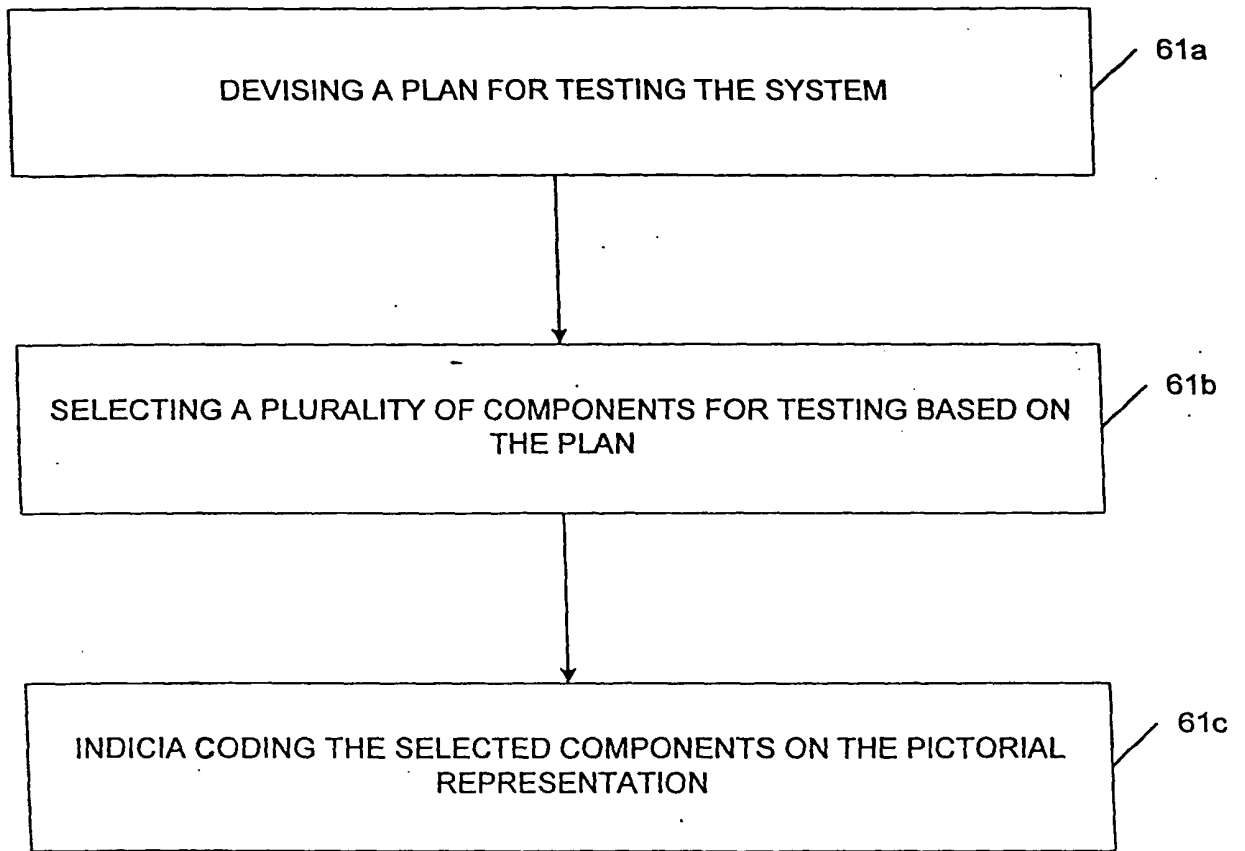


Figure 1K-1

61

Web Architecture Framework – Base Chart

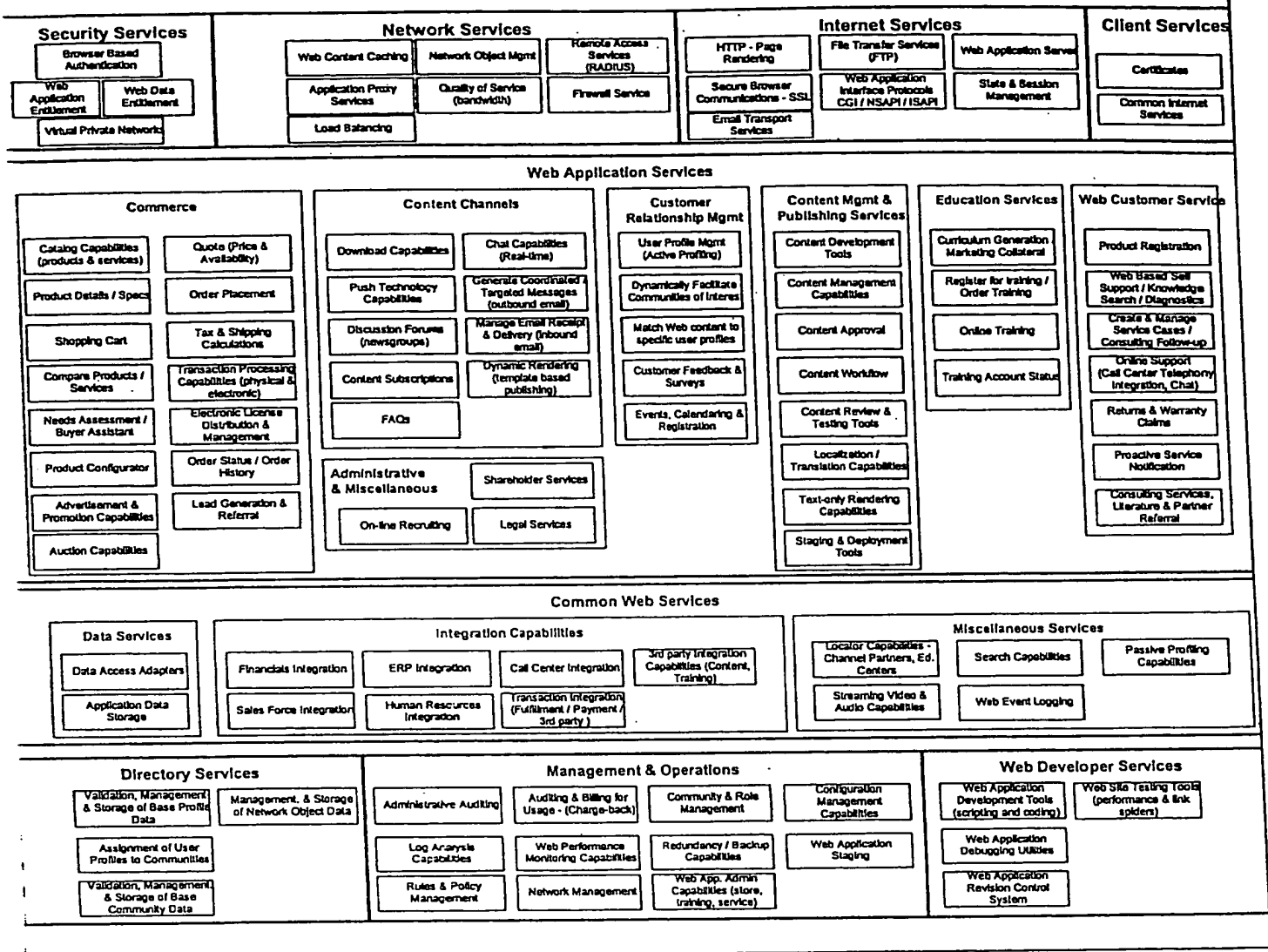


Figure 1L

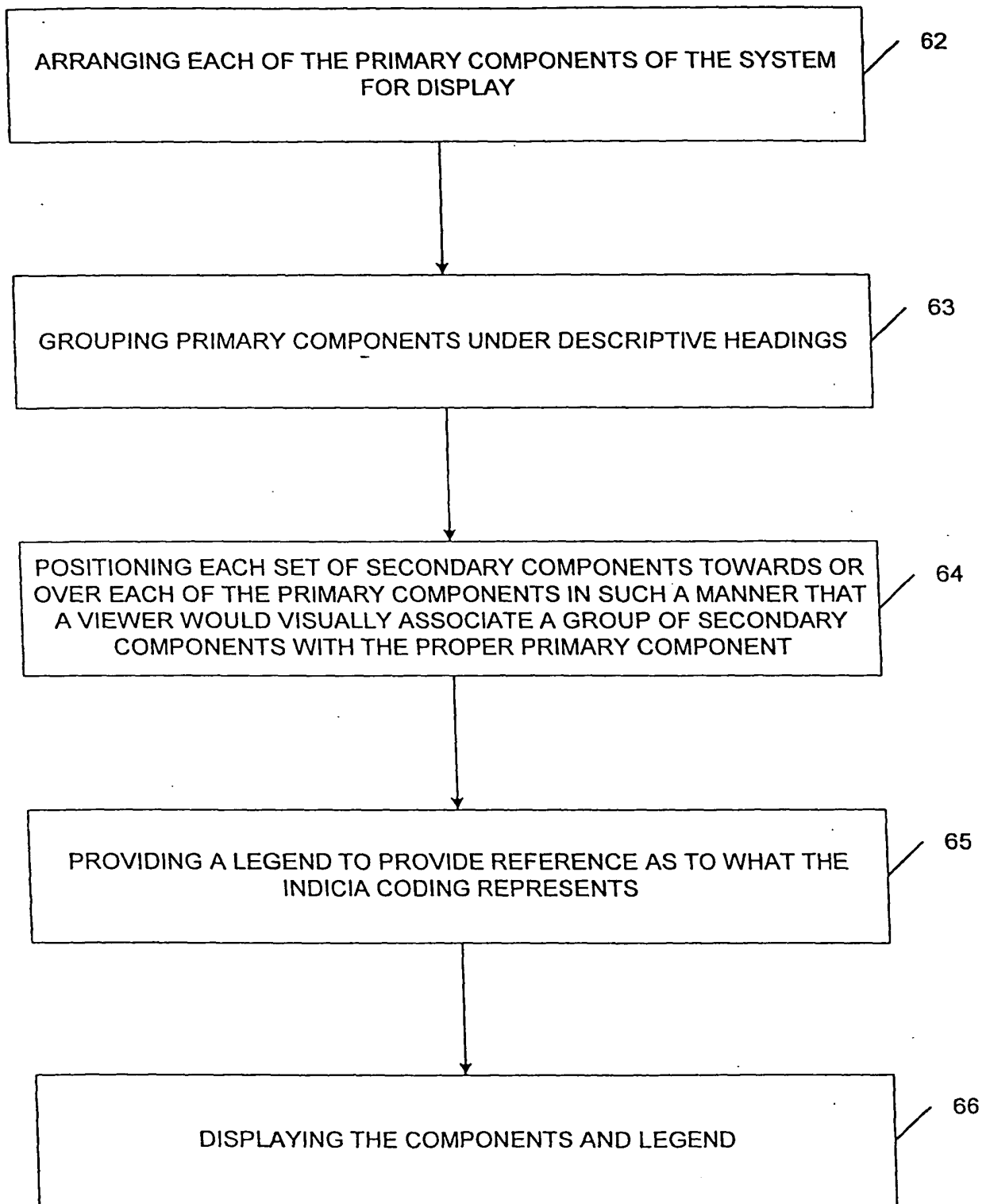


Figure 1L-1

Web Architecture Framework - Today's Environment

Legend

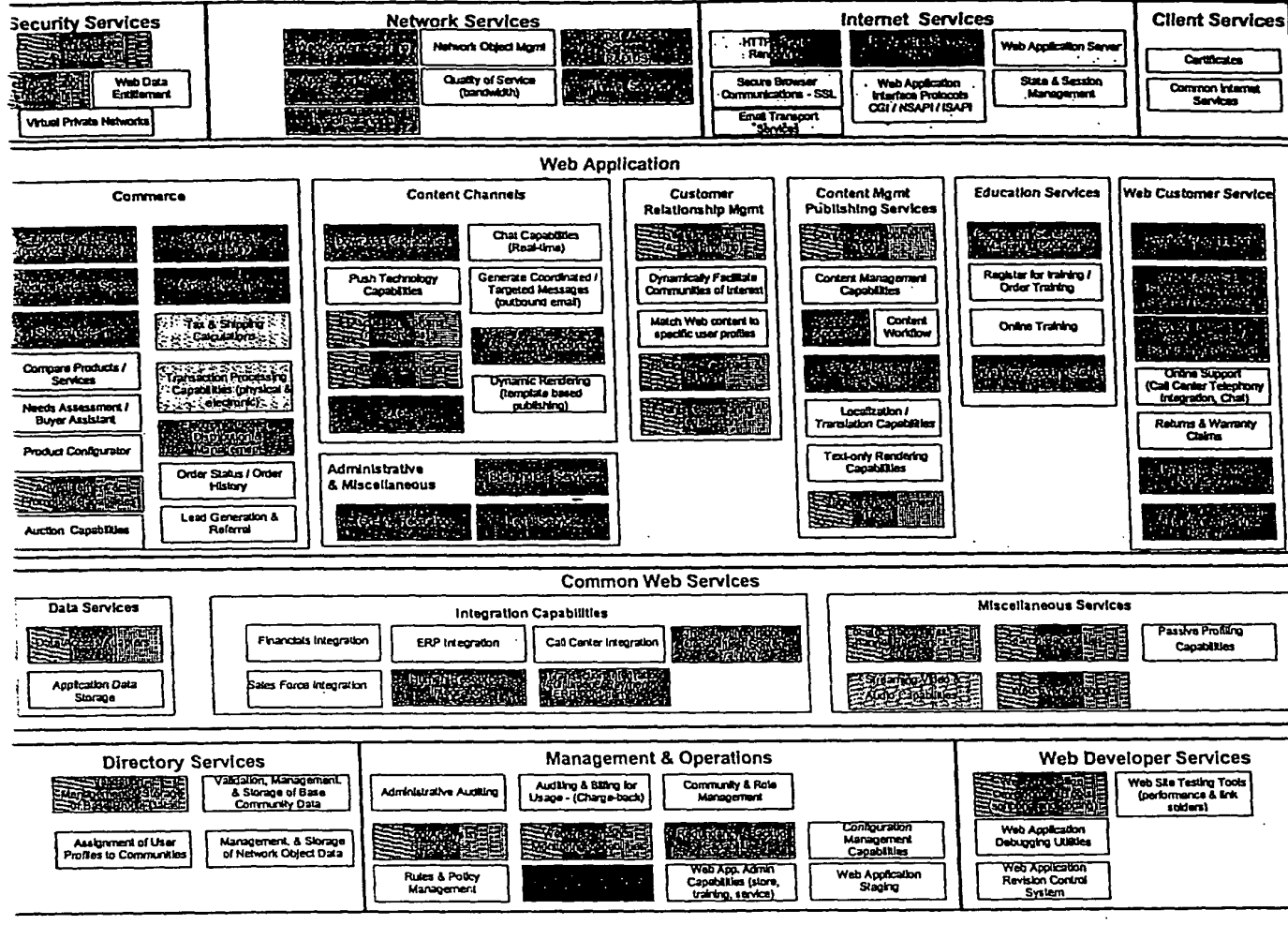


Figure 1M

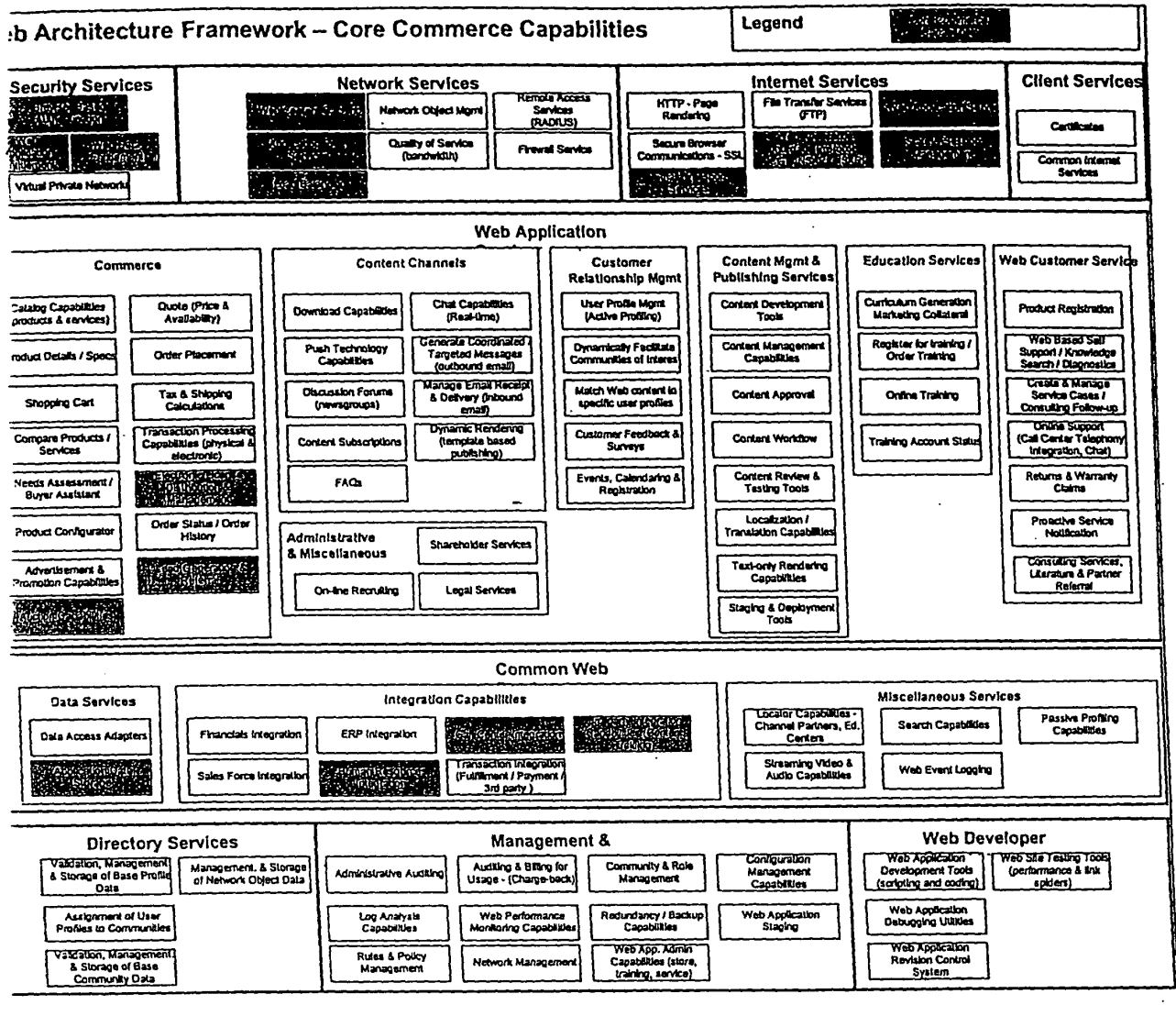


Figure 1N

Web Architecture Framework – Immediate Activities

LEGEND

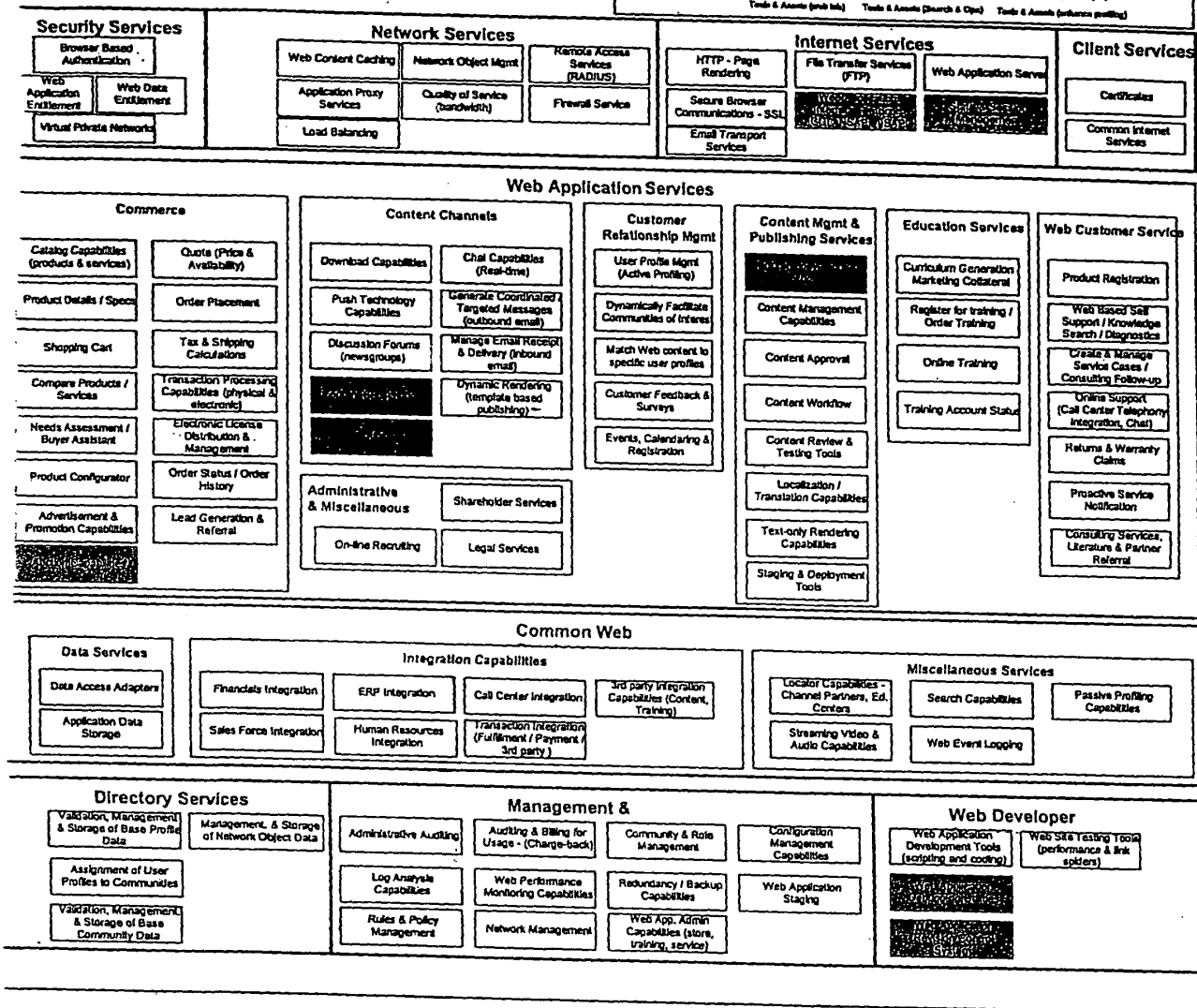
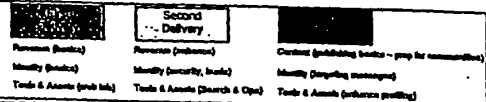


Figure 1P

Core Commerce Capabilities - Infrastructure Services

Legend: ■ Available Today

Core Capabilities

Existing Capabilities

- Verifies user identity using built-in browser functionality
- Maintains authentication information throughout sessions
- Utilizes centralized directory of profiles
- Provides LDAP compatibility
- Provides NDS Compatibility
- Restricts access to specific web applications based upon user privileges
- Determines if a user or group of users have permission to perform an operation in a specific application
- Utilizes centralized directory of profiles for entitlement data
- Provides LDAP compatibility
- Provides NDS compatibility
- Restricts access to web content and data based upon user privileges
- Determines if a user or group of users have permission to manipulate web data (create, read, update, delete)
- Utilizes centralized directory of profiles for entitlement data
- Provides LDAP compatibility
- Provides NDS compatibility
- Stores frequently requested web pages and graphics in a temporary location
- Serves up previously cached content without accessing original source
- Updates cache automatically to ensure integrity of content
- Passes requests from external clients to internal web servers and return results
- Serves as trusted agent to access internal machines on the behalf of clients
- Hides IP Addresses of machines inside a firewall from external clients
- Provides configuration control over external access permissions
- Spreads tasks among application servers using an intelligent load-balance scheme (CPU utilization)
- Provides a centralized task distribution mechanism for routing services
- Identifies servers that are off-line and re-route traffic
- Protects resources on a private network from users of other networks
- Filters network traffic based on security rules
- Provides alarm notification of attacks
- Provides logging and reporting functions
- Provides port and traffic control
- Serves requested web pages and graphics from web servers to client web browsers
- Supports page rendering for multiple languages
- Supports multiple content sources (file system, databases, scripts)

Core Capabilities

Existing Capabilities

- Provides encrypted communication with common web browsers
- Supports the Secure Sockets Layer protocol 2.0
- Supports the Secure Sockets Layer protocol 3.0
- Transfers files between computers on the Internet using the standard File Transfer Protocol (FTP)
- Stores files on a file system or database
- Provides mechanism to manage access control for files on a FTP server
- Supports Common Gateway Interface (CGI) protocol
- Supports Netscape API (NSAPI) protocol
- Supports Microsoft's API (ISAPI) protocol
- Provides alternative to the interface mechanism that may be used
- Executes web application logic
- Utilizes user session information to support interactive applications
- Provides scalability features
- Provides fail-over features
- Provides application programming logic
- Provides mechanism to note and remember one or more preceding events in a given sequence of interactions with the user or application
- Tracks state and session information
- Manages multiple independent sessions simultaneously active
- Supports Client Cookies
- Supports Client URL Encoding
- Supports Server Information with Client Cookies
- Supports Server Information with URL Session Identifiers
- Provides adapter or mechanism to communicate and transfer data at the functional level with Oracle Financials via API's
- Supports Oracle's API sets for external integration
- Supports Data Access Adapter capabilities
- Provides adapter or mechanism to communicate and transfer data at the functional level with Siebel via API's
- Supports Siebel's API sets for external integration
- Supports Data Access Adapter capabilities
- Provides adapter or mechanism to transfer transactional information to a fulfillment house, payment processing center, enterprise resource planning system or other third party
- Provides reporting and logging functions to detect communication errors
- Provides adapter or mechanism to communicate with external systems that provide additional content such as catalog information
- Provides reporting and logging functions to detect communication error

Figure 1Q

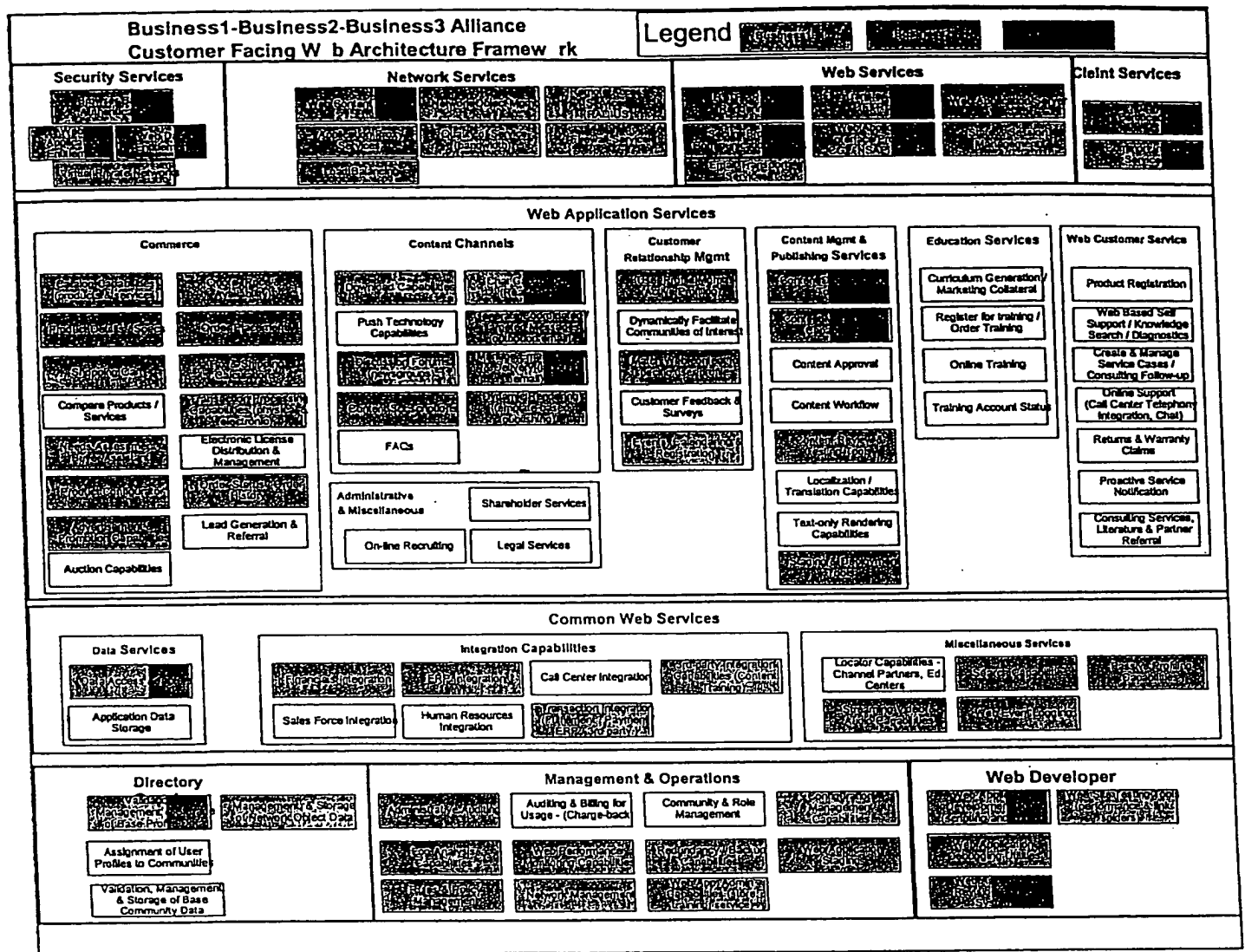


Figure 1R

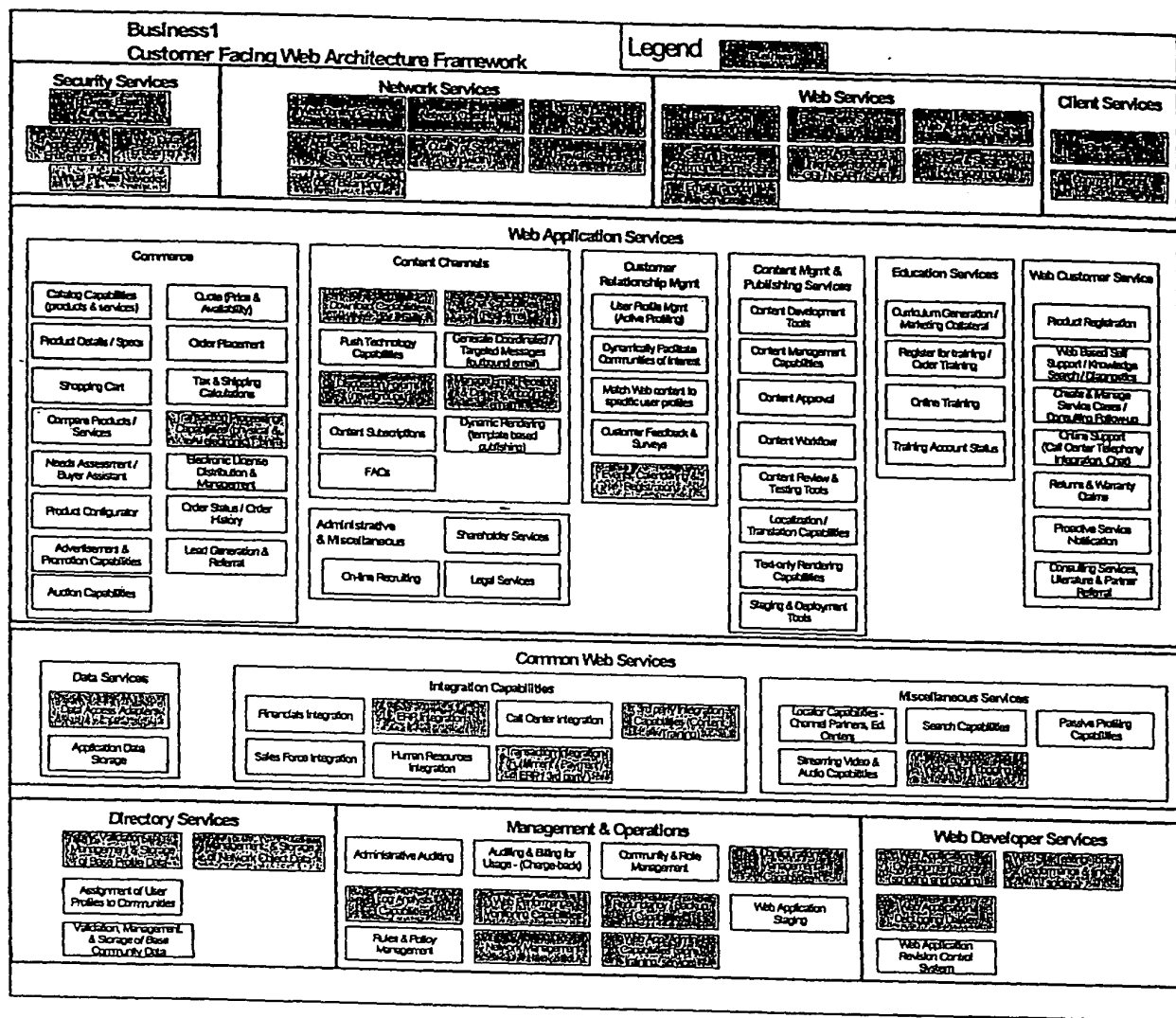


Figure 1S



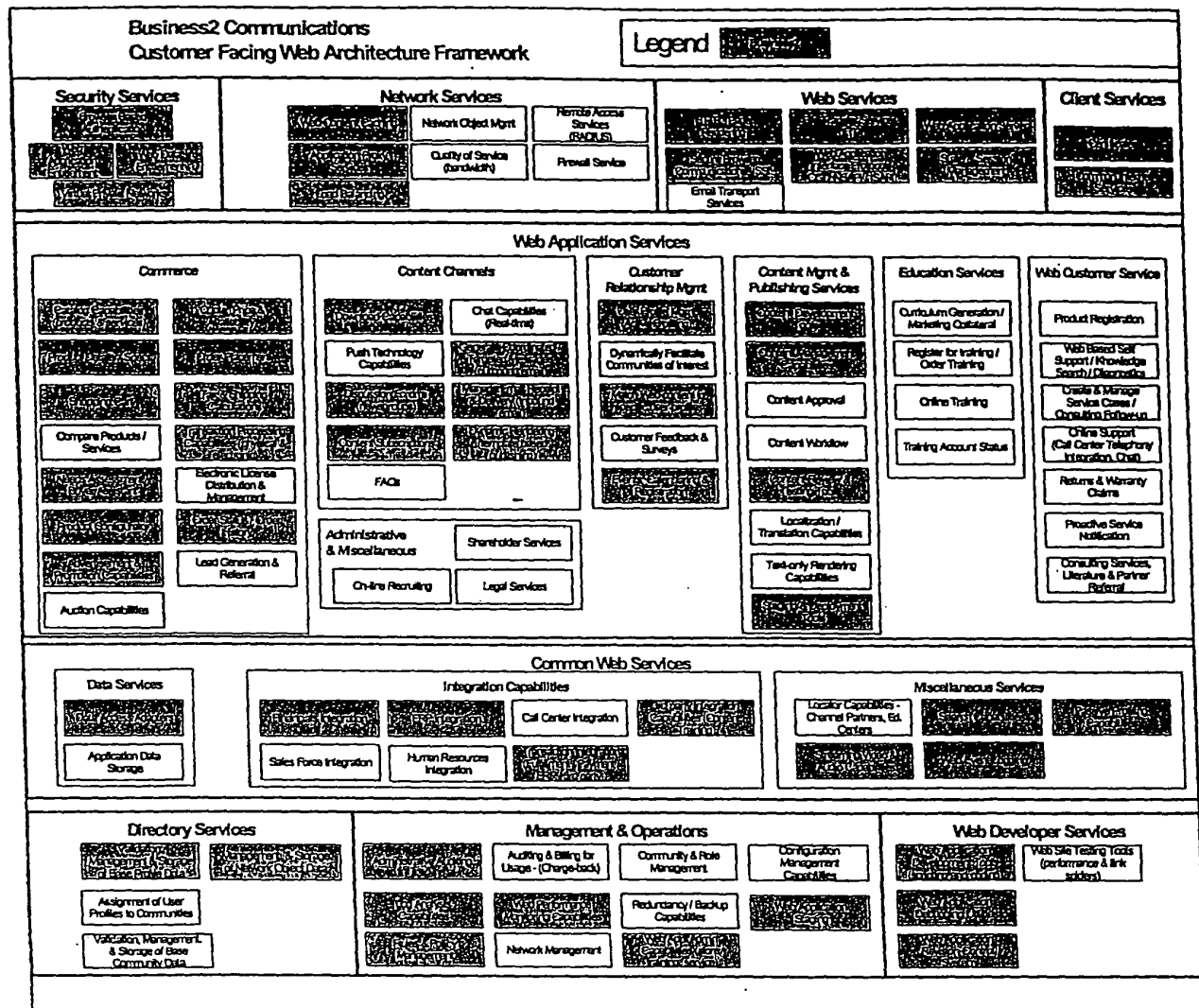


Figure 1U

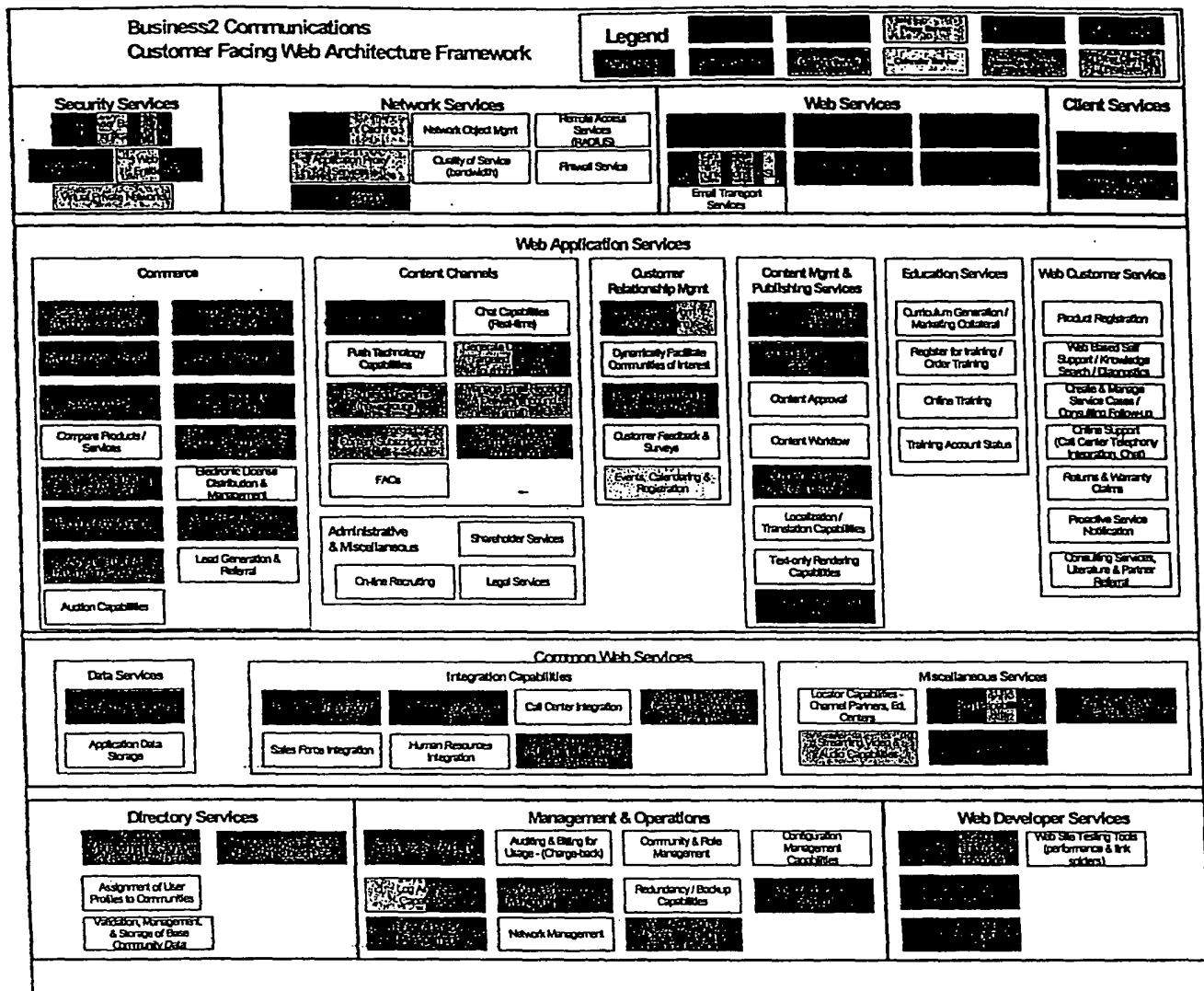


Figure 1V

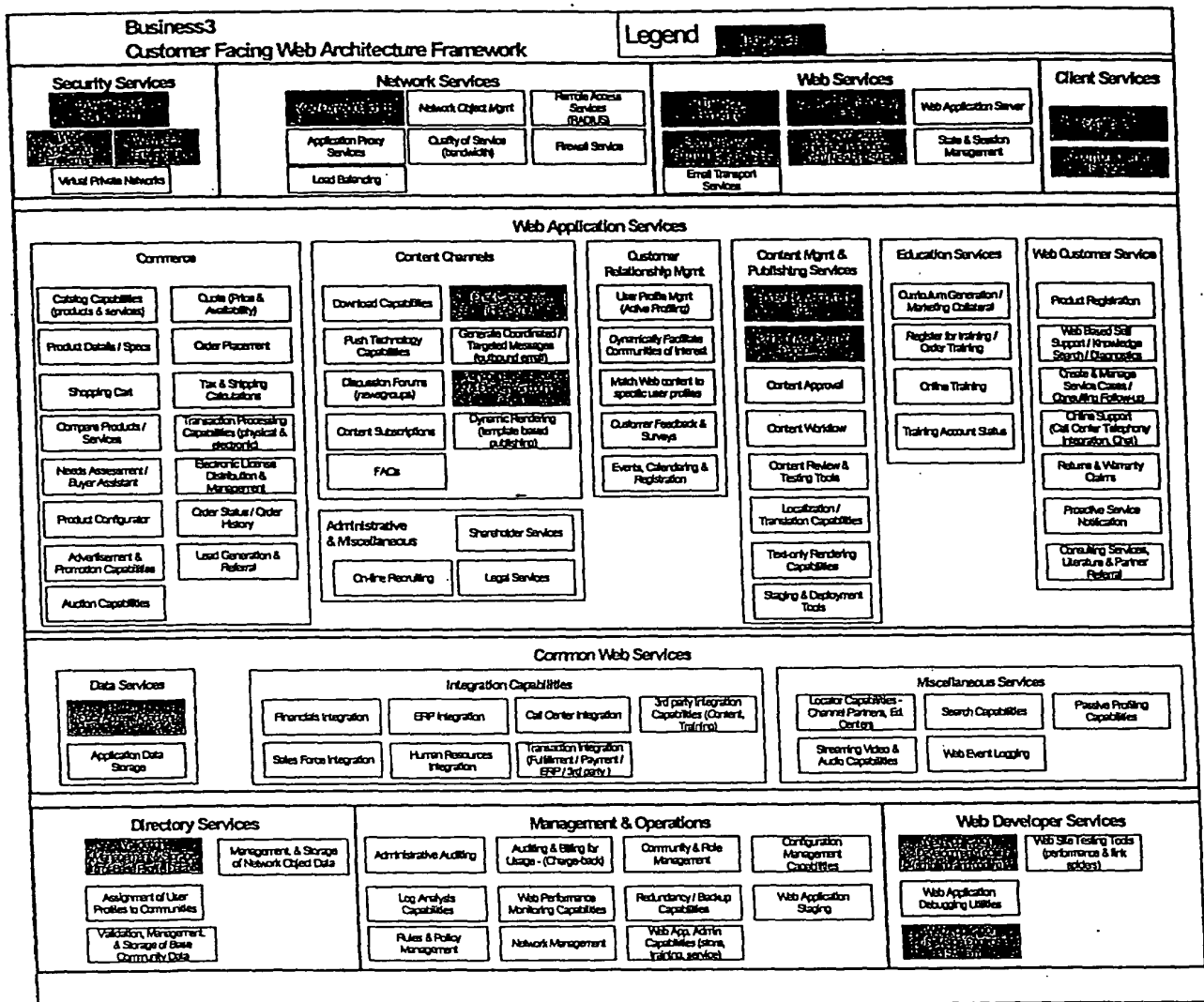


Figure 1W

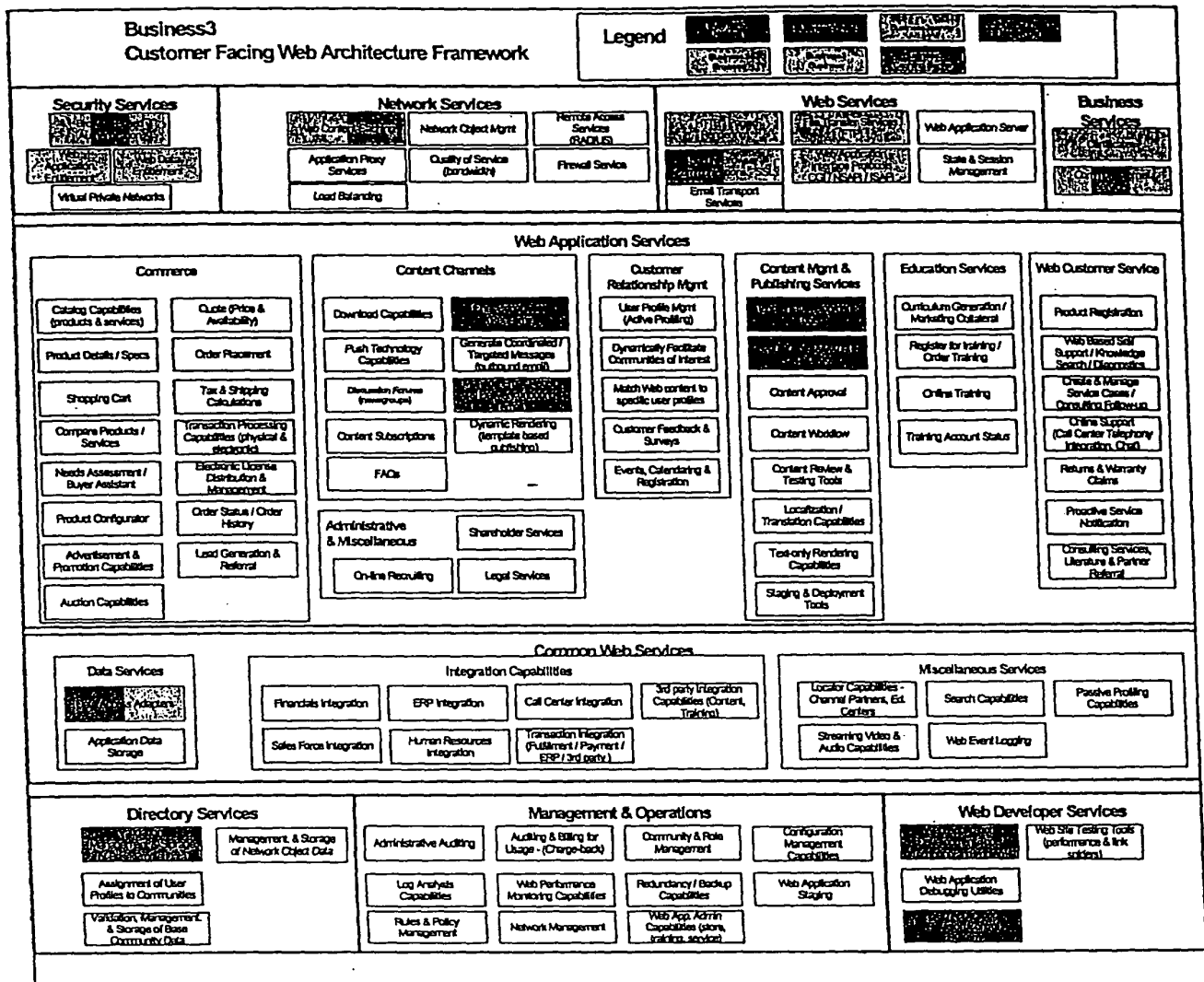


Figure 1X

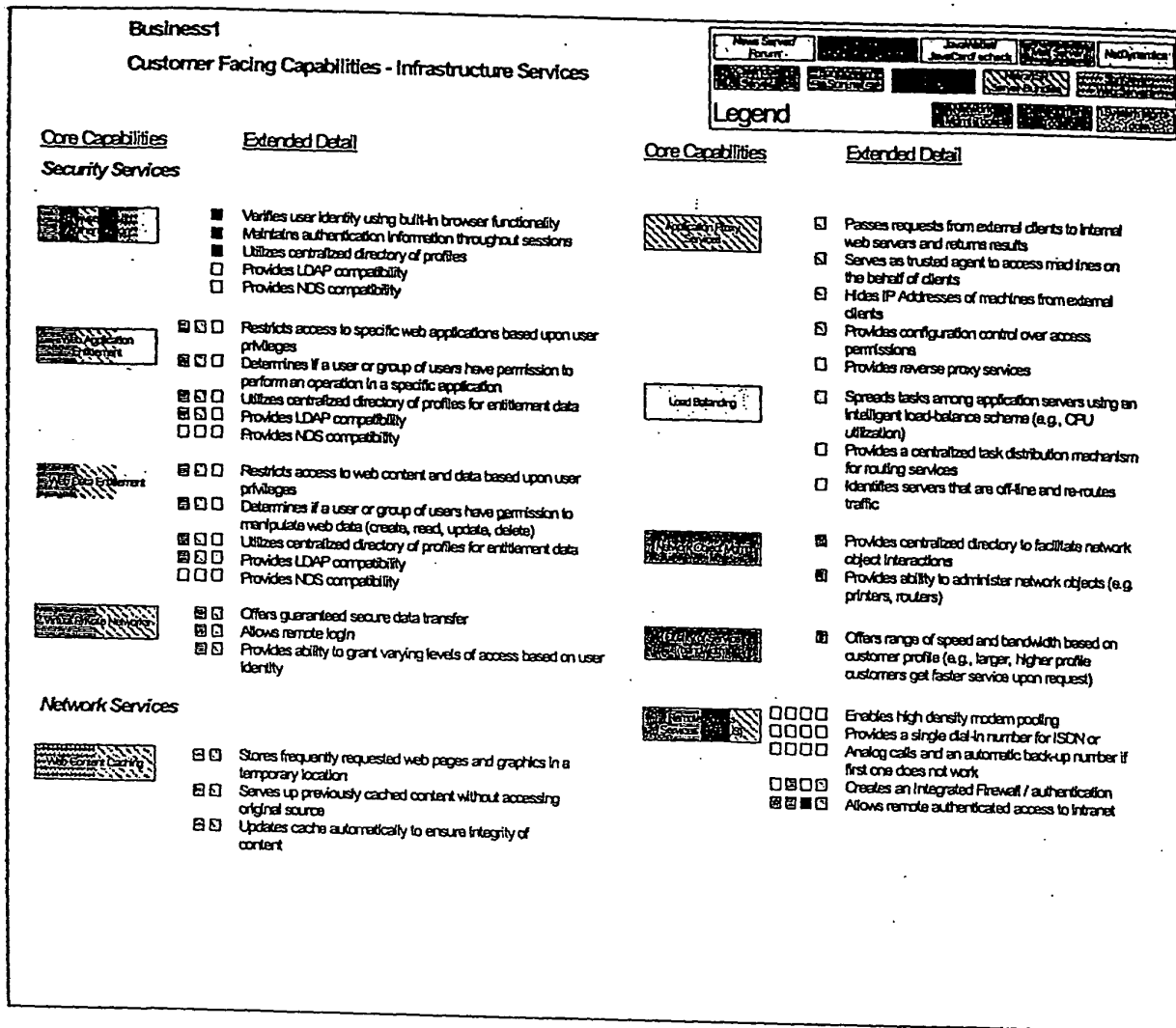


Figure 1Y

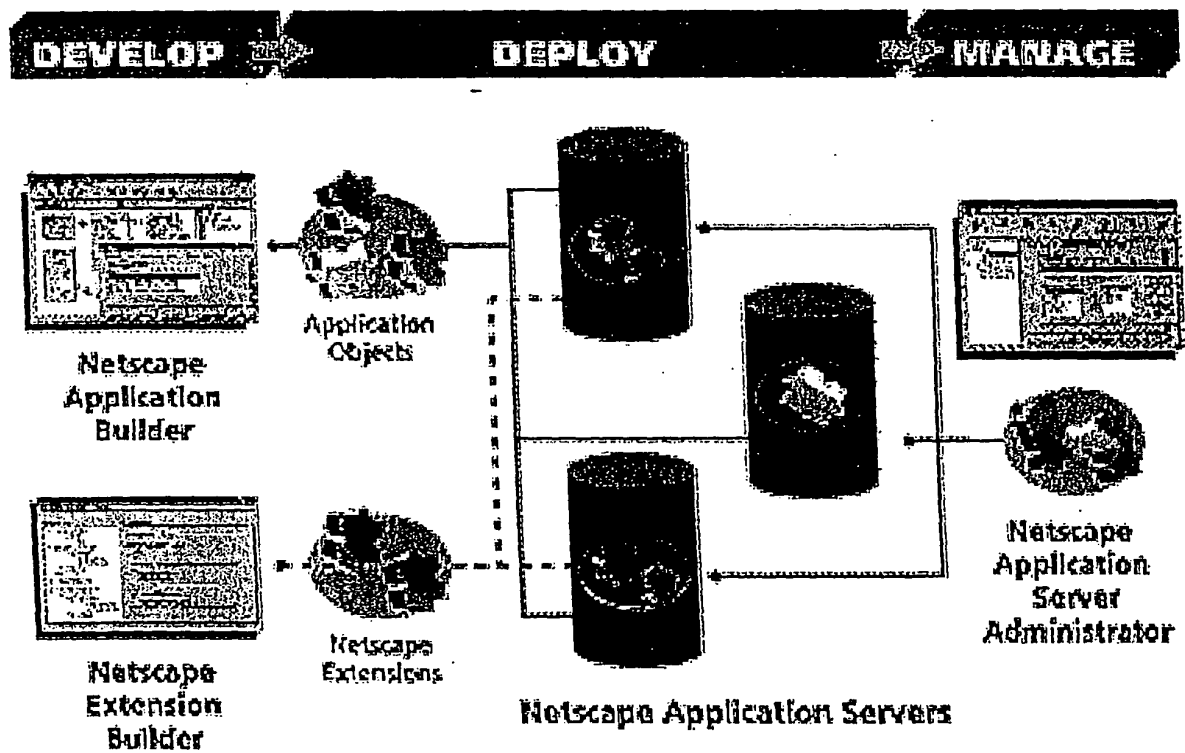


Figure 1Z

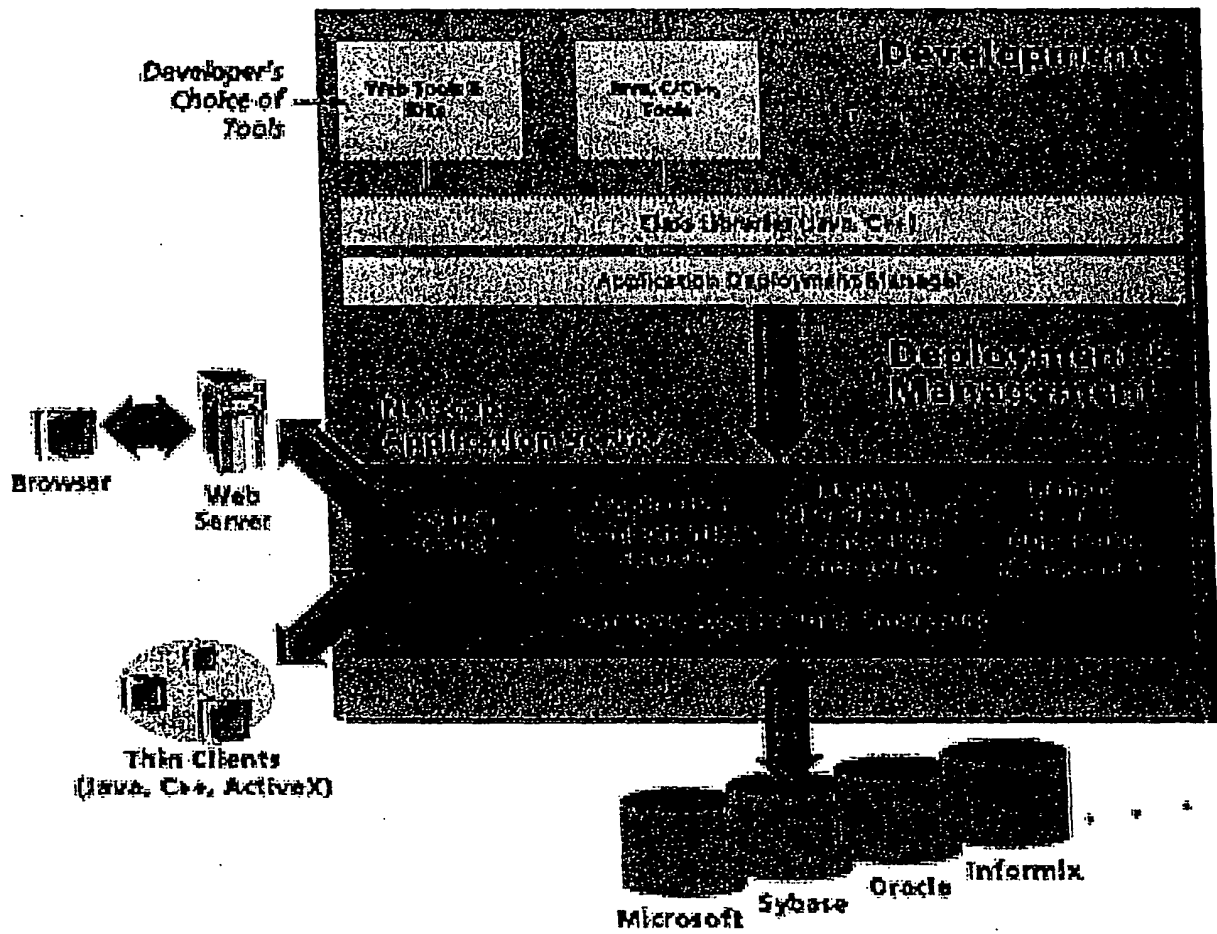


Figure 1AA

Client2 ECXpert

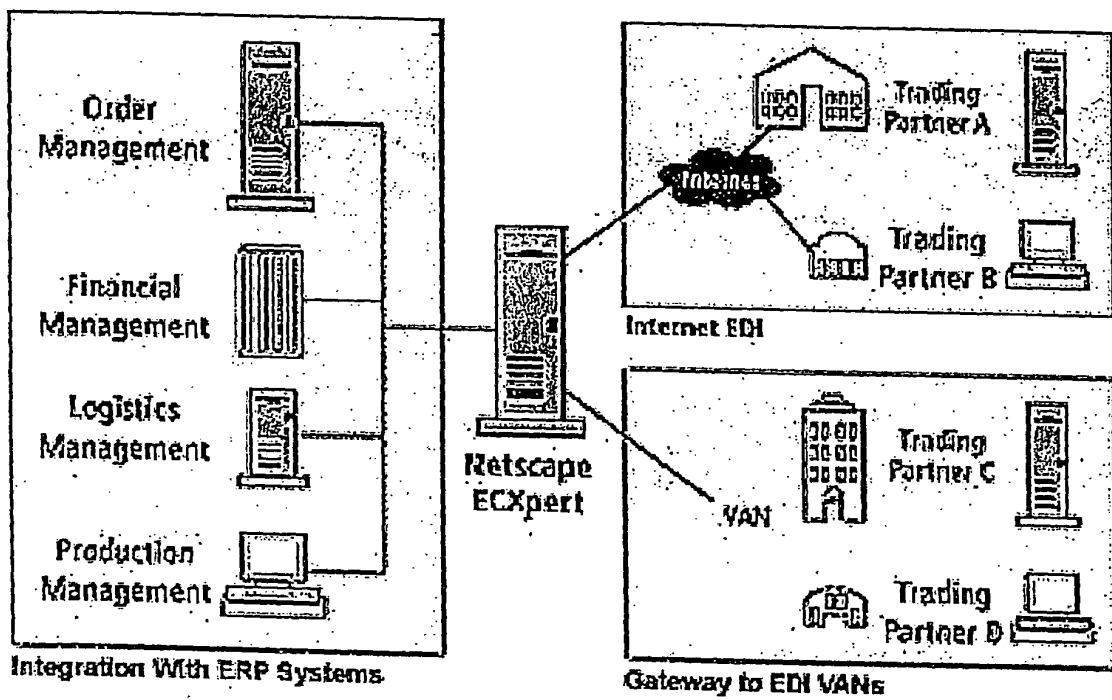


Figure 1AB

Client2 ECXpert

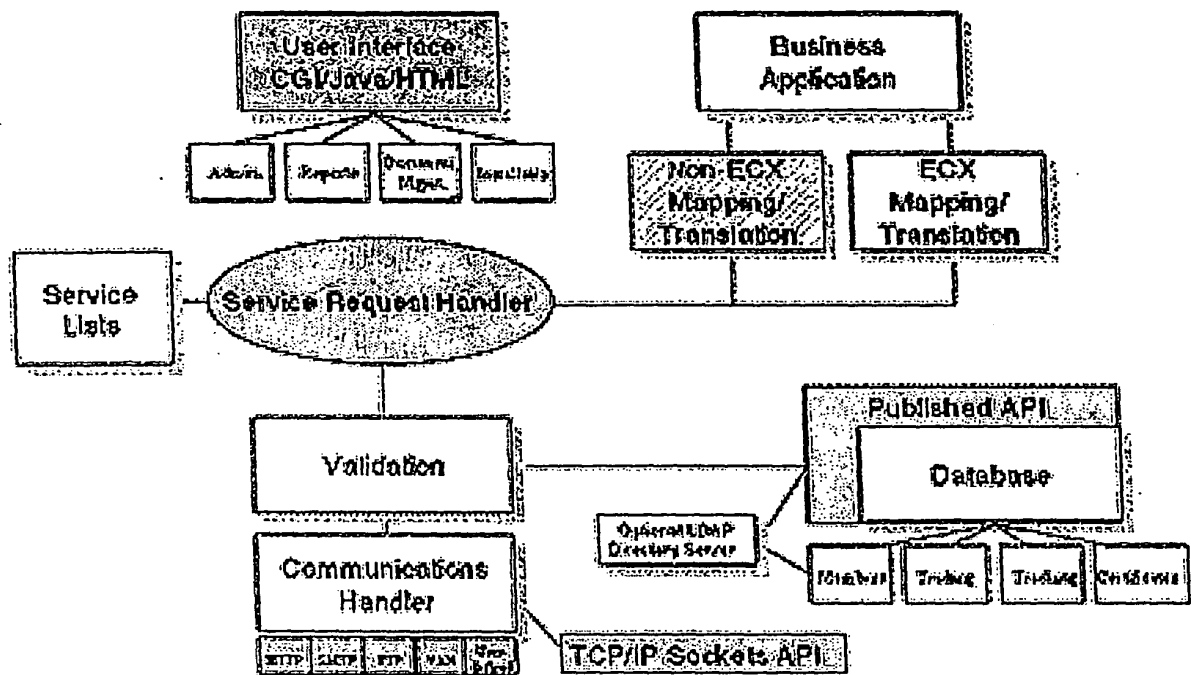


Figure 1AC

Client2 SellerXpert

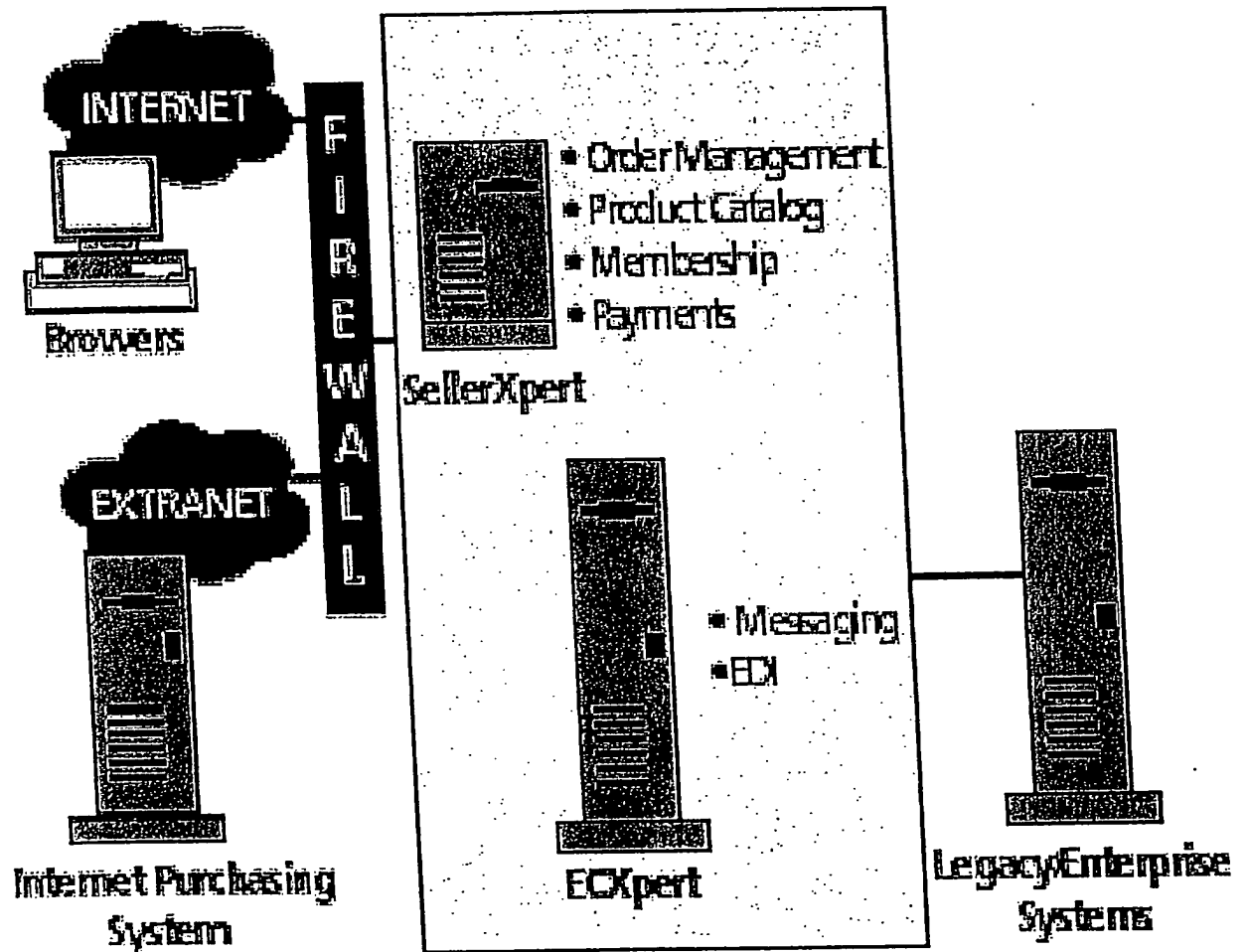


Figure 1AD

Client2 PublishingXpert

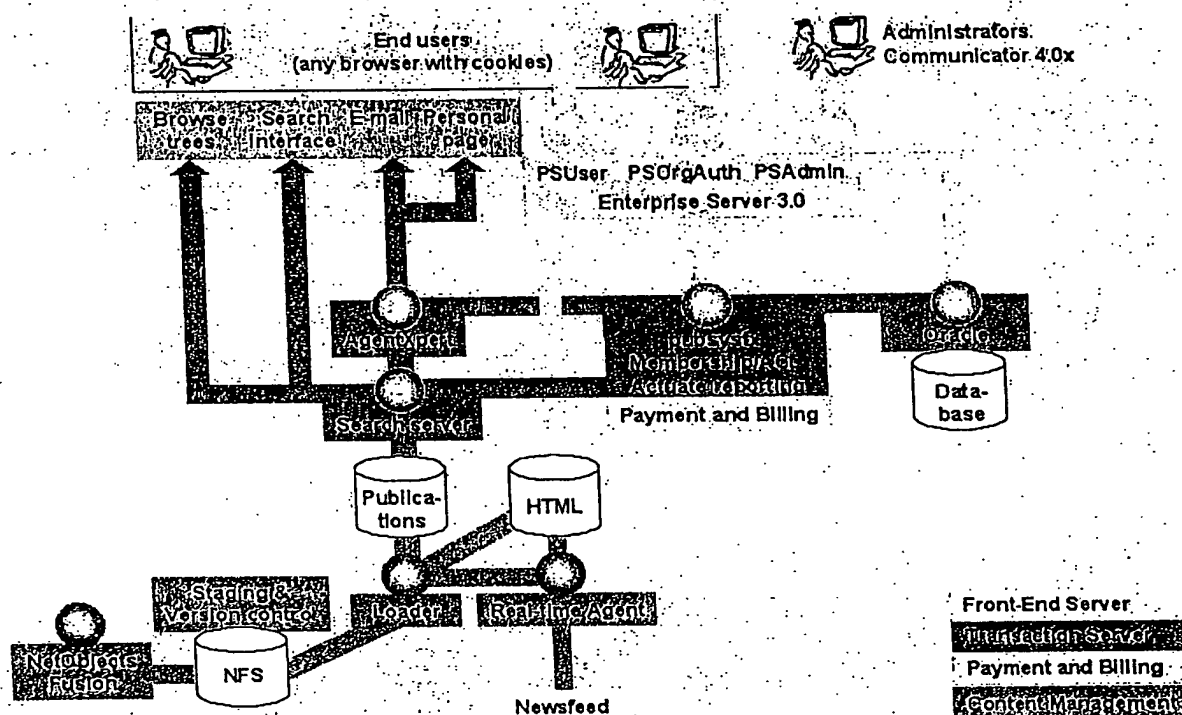
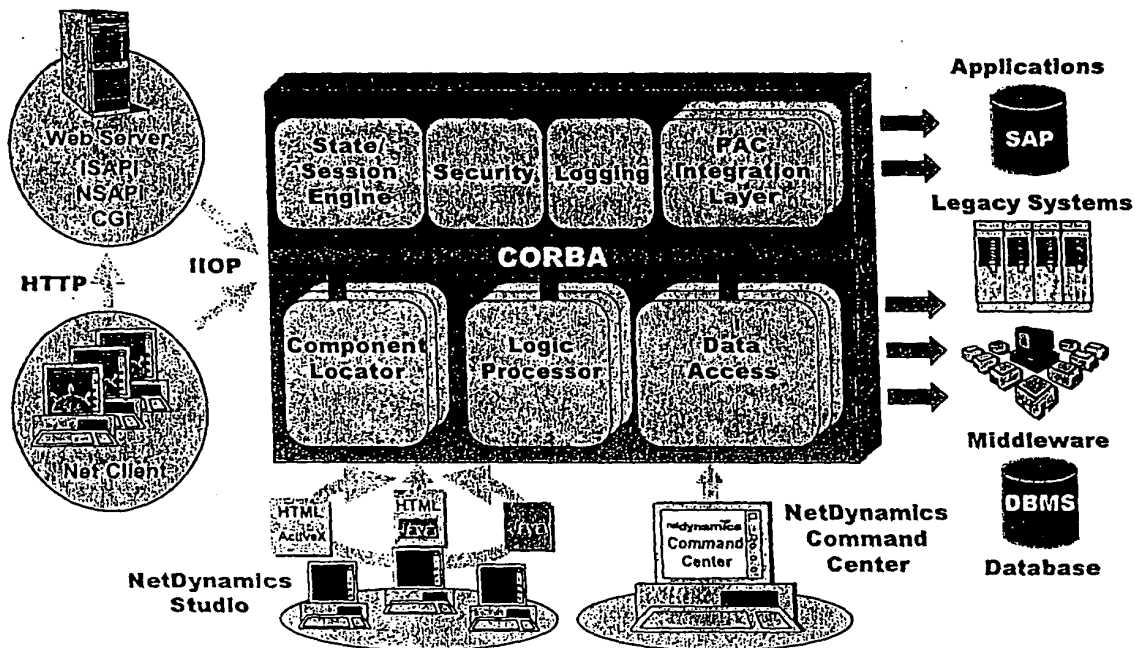


Figure 1AE

Client1 NetDynamics



- ① Any Web browser requests a dynamic page
- ② The Web server notifies ColdFusion
- ③ ColdFusion processes the dynamic page based on the CFML tags
- ④ ColdFusion generates an HTML page
- ⑤ The Web server sends the HTML page to the browser

Figure 1AF

Client1 Internet Mail Server

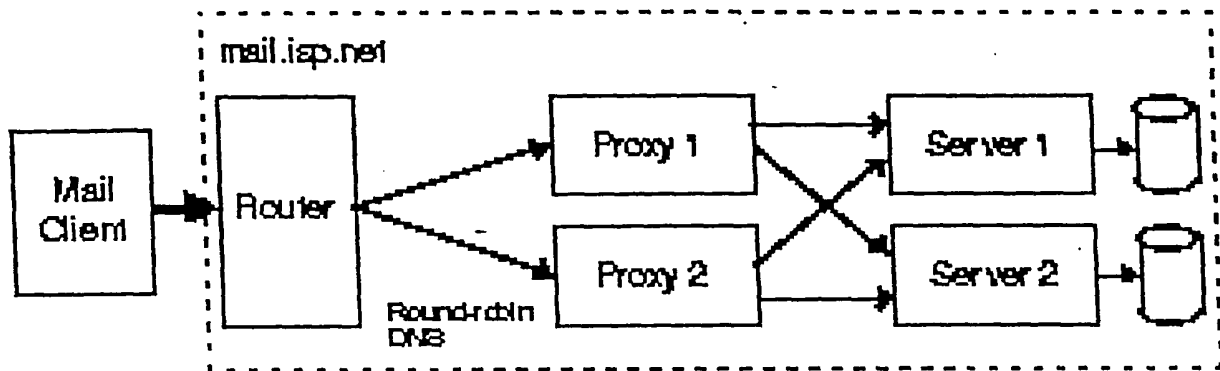


Figure 1AG

Client1 Internet News Server

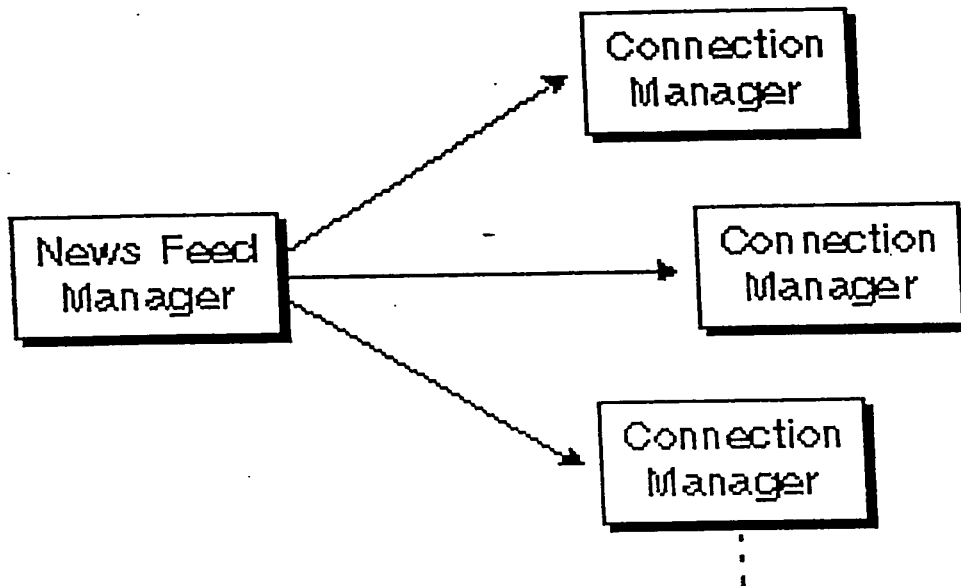


Figure 1AH

Client1 Personal WebAccess Browser

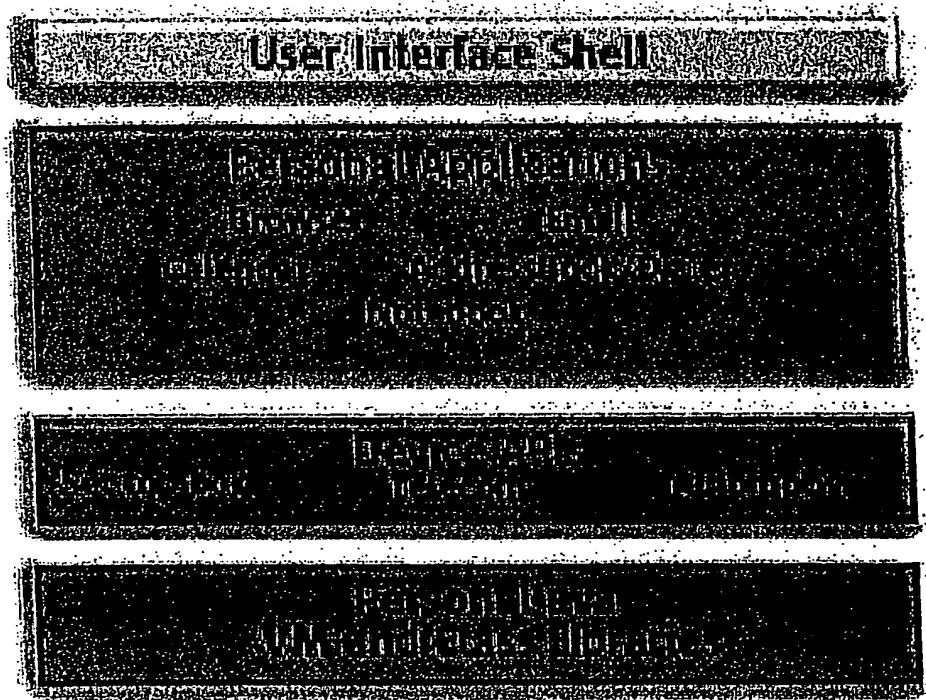


Figure 1A1

Client1 Directory Services

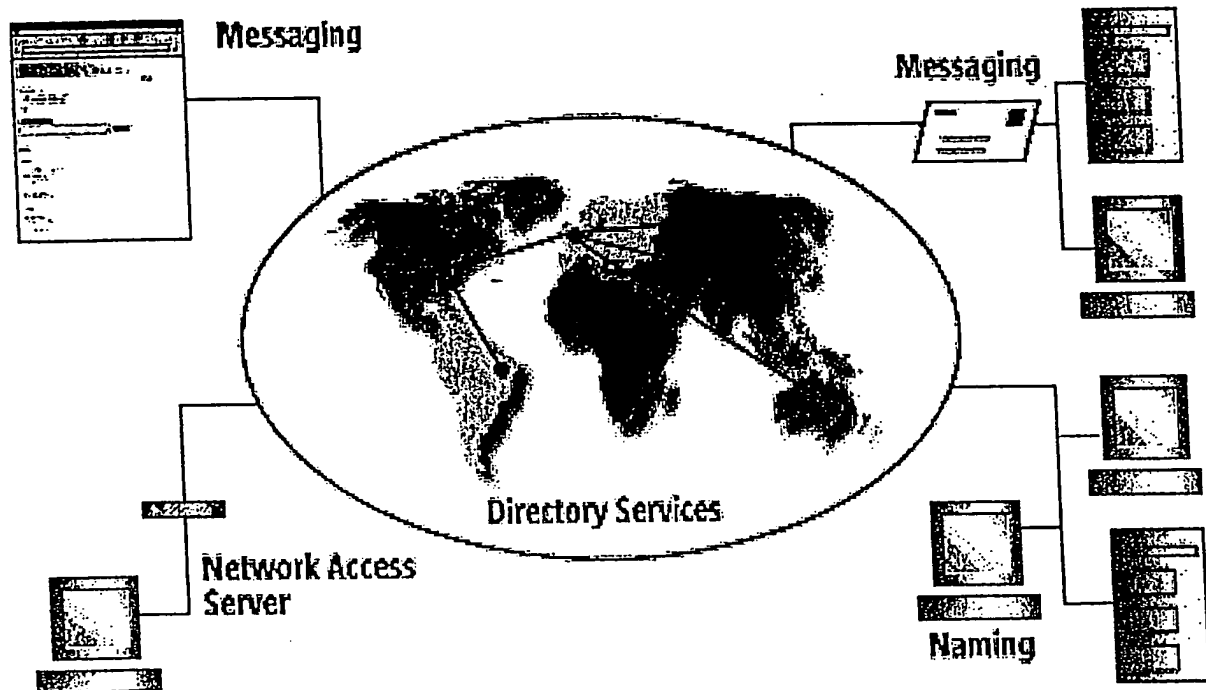


Figure 1AJ

Client1 JavaWallet

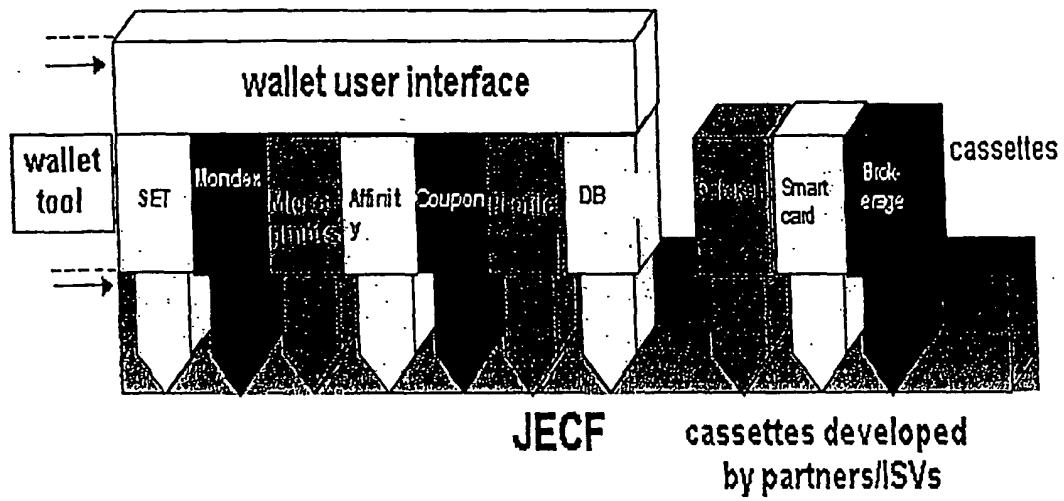


Figure 1AK

Client1Screen Product Suite

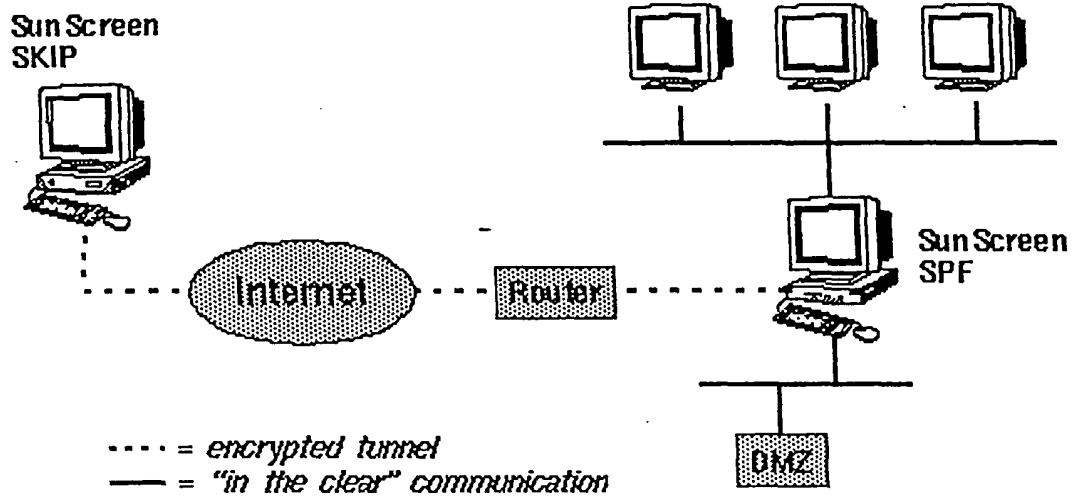


Figure 1AL

Netra Internet Server Bundle

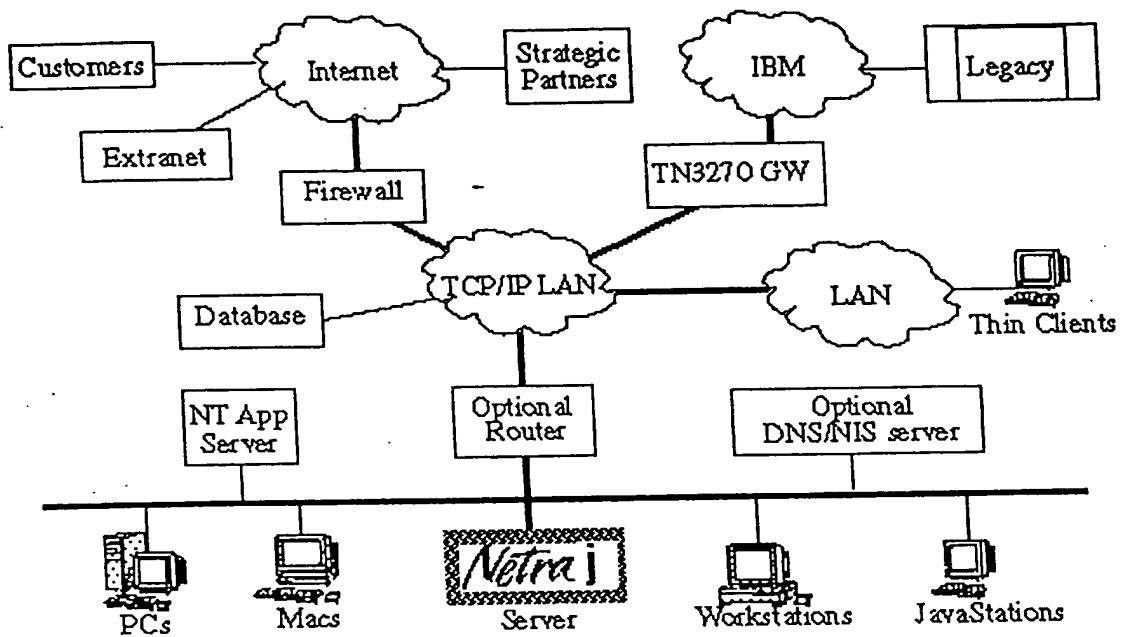


Figure 1AM

Solaris ISP Server Bundle



Figure 1AN

Development & Testing Tools

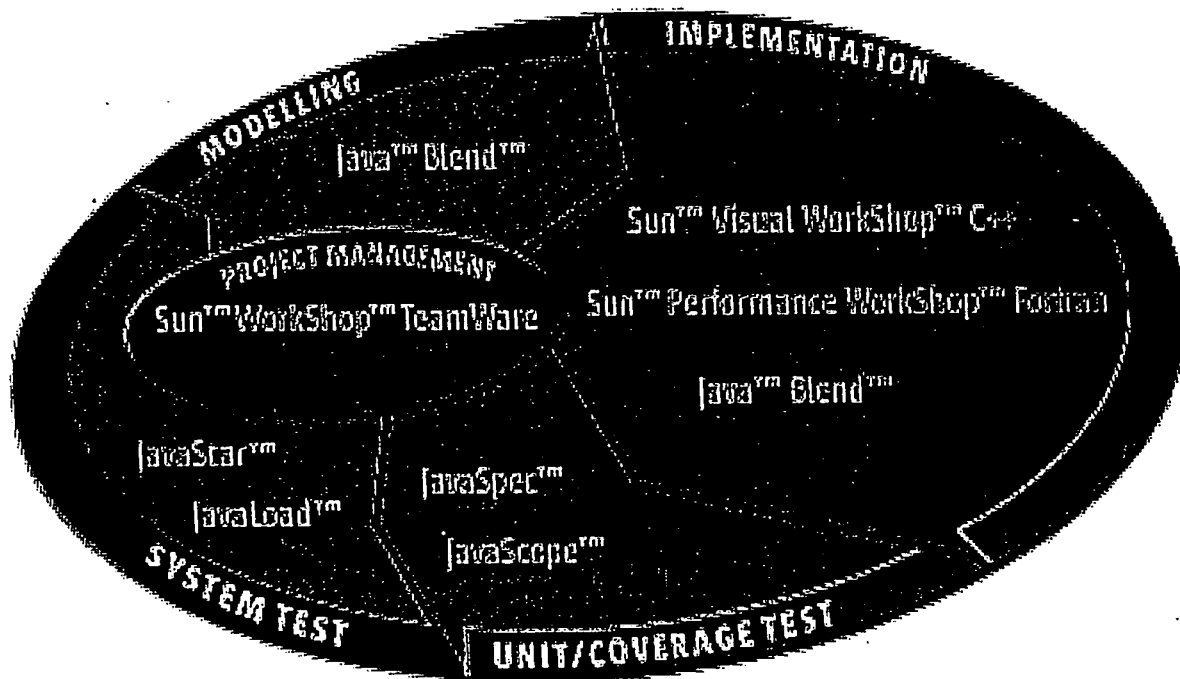


Figure 1AO

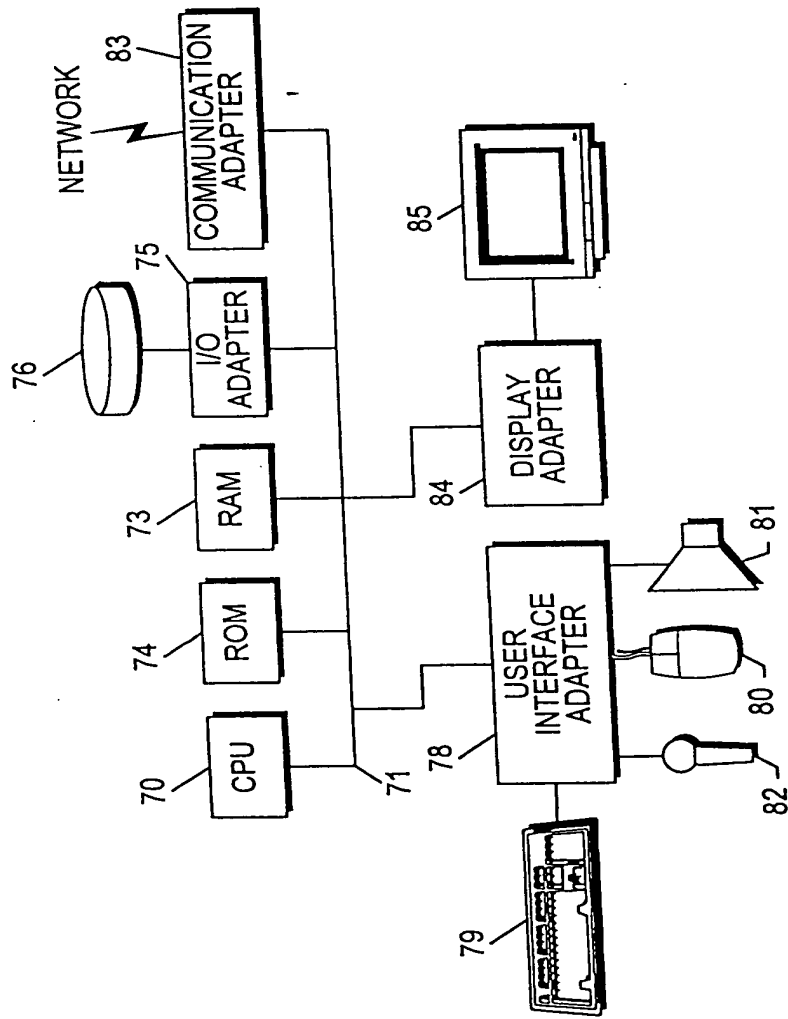


Figure 2A

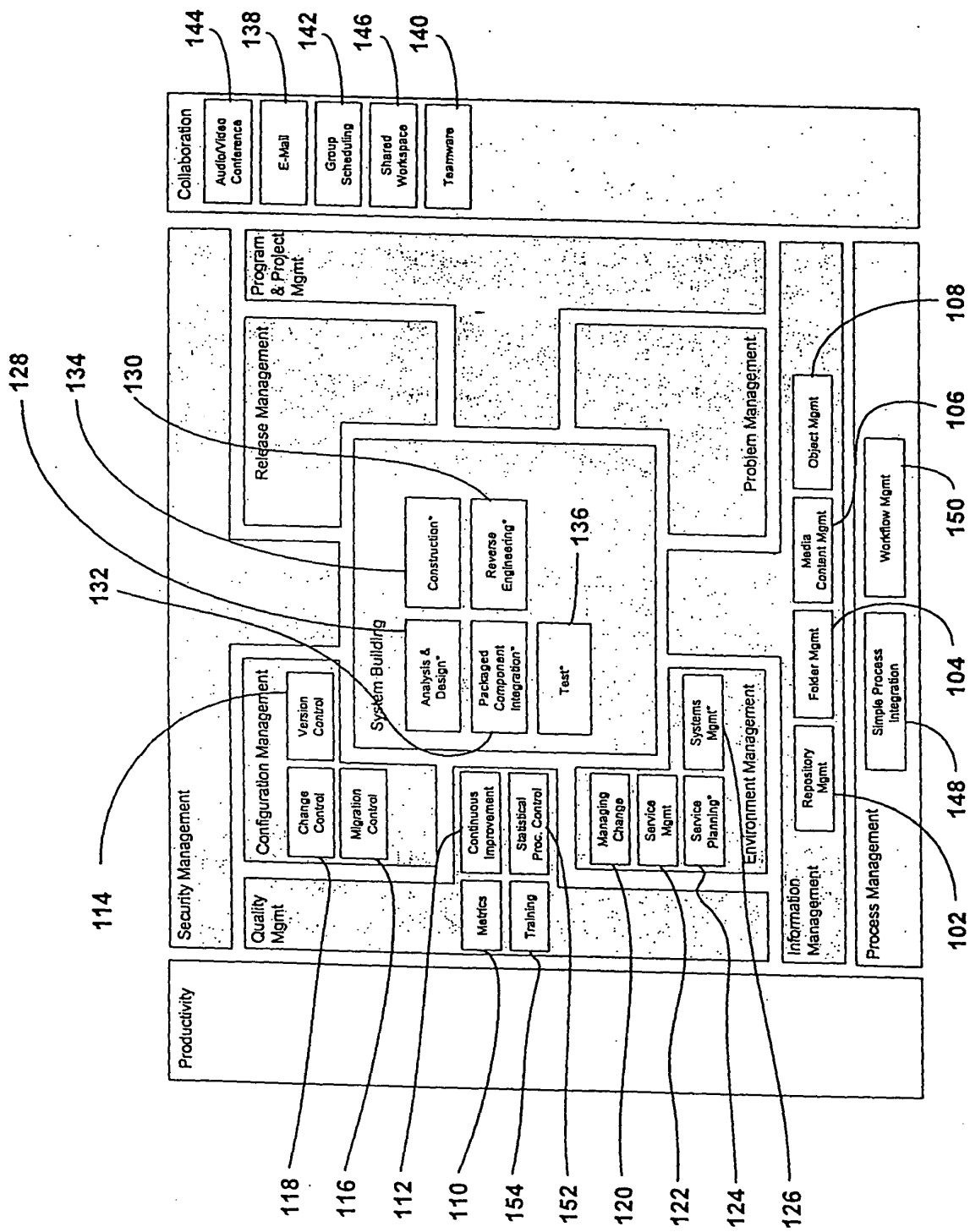


Figure 2B

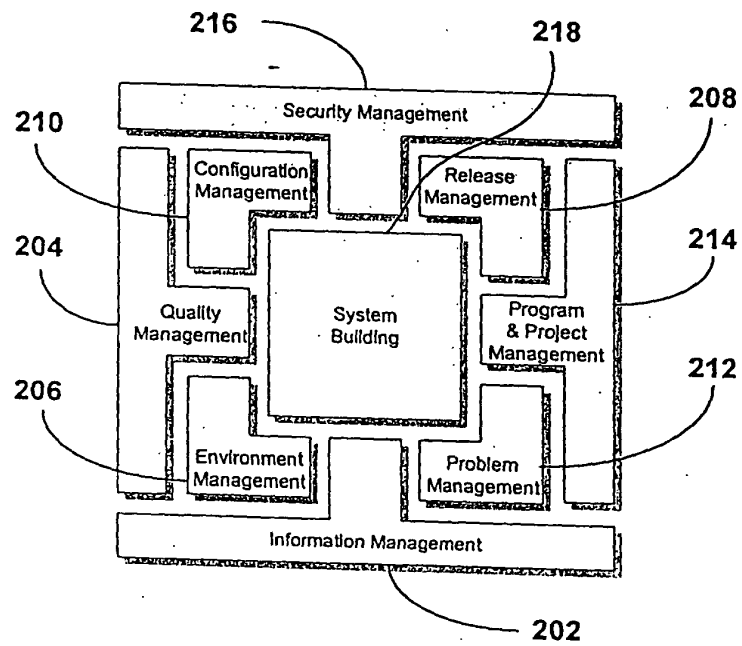


Figure 2C

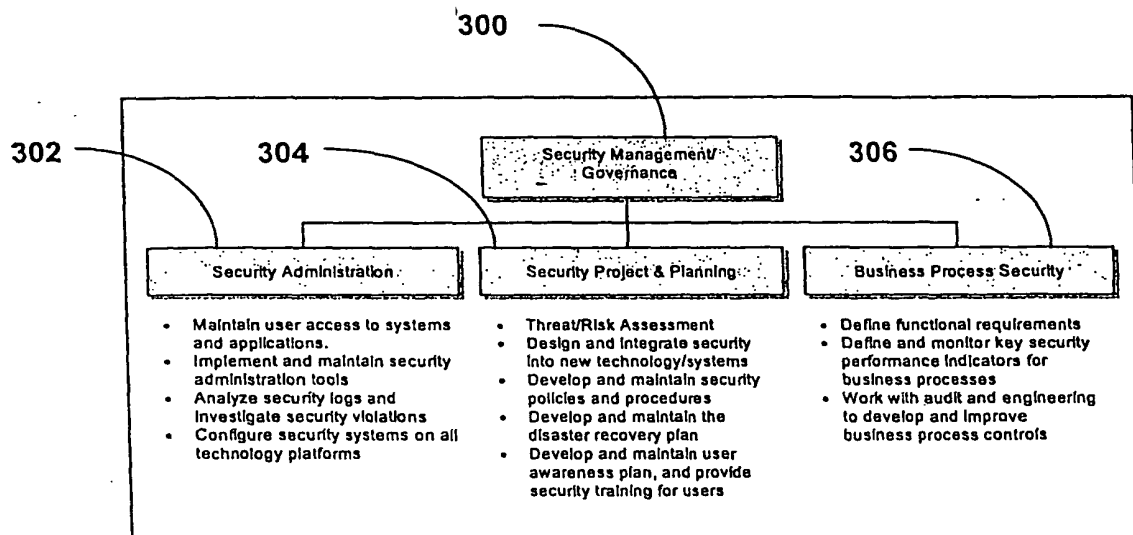


Figure 3

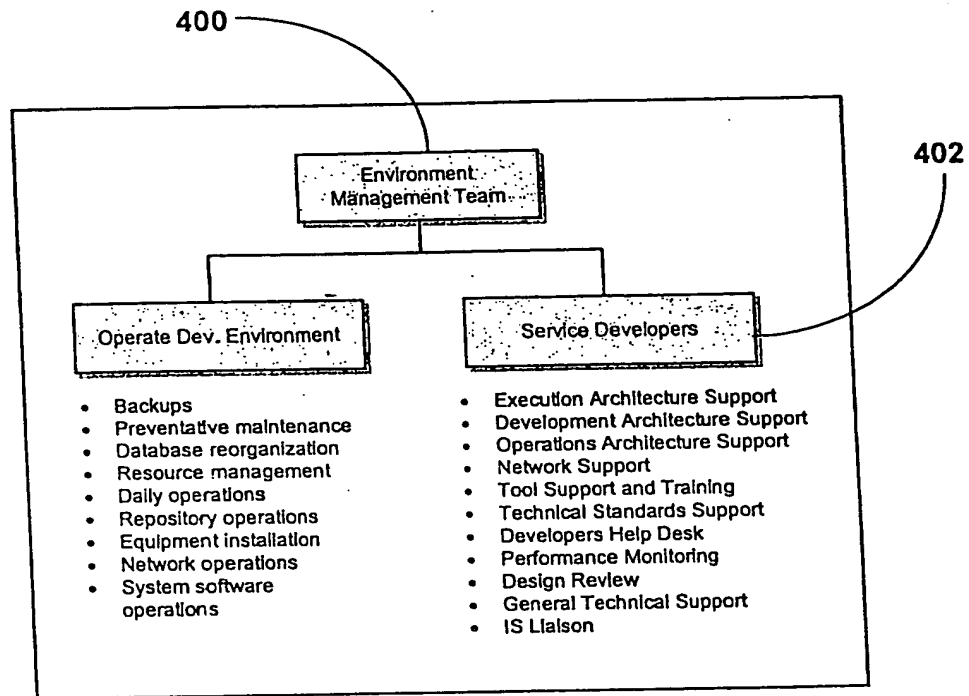


Figure 4

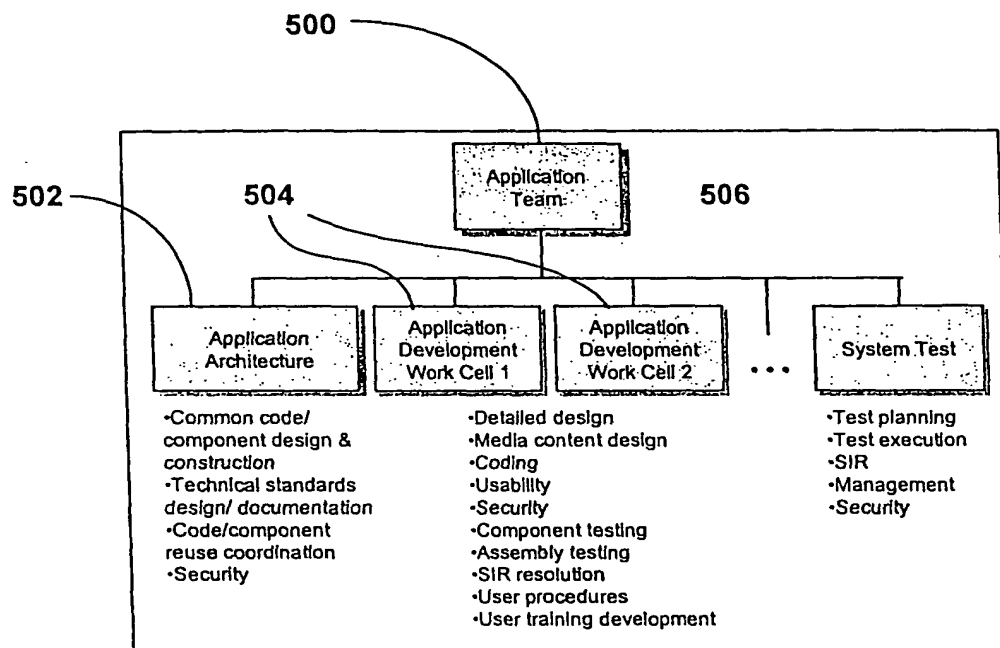


Figure 5

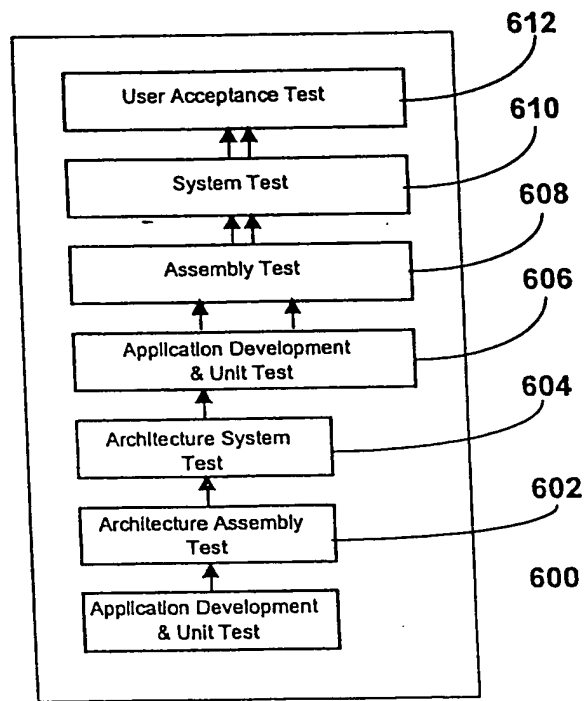


Figure 6

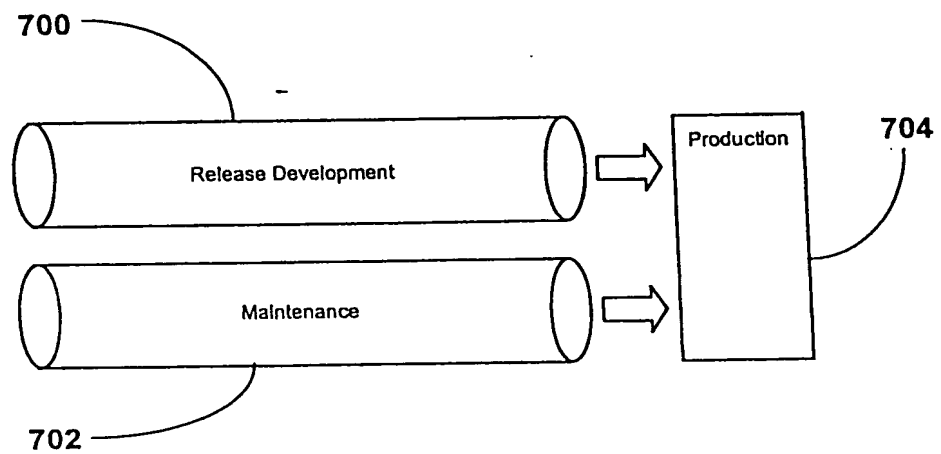


Figure 7

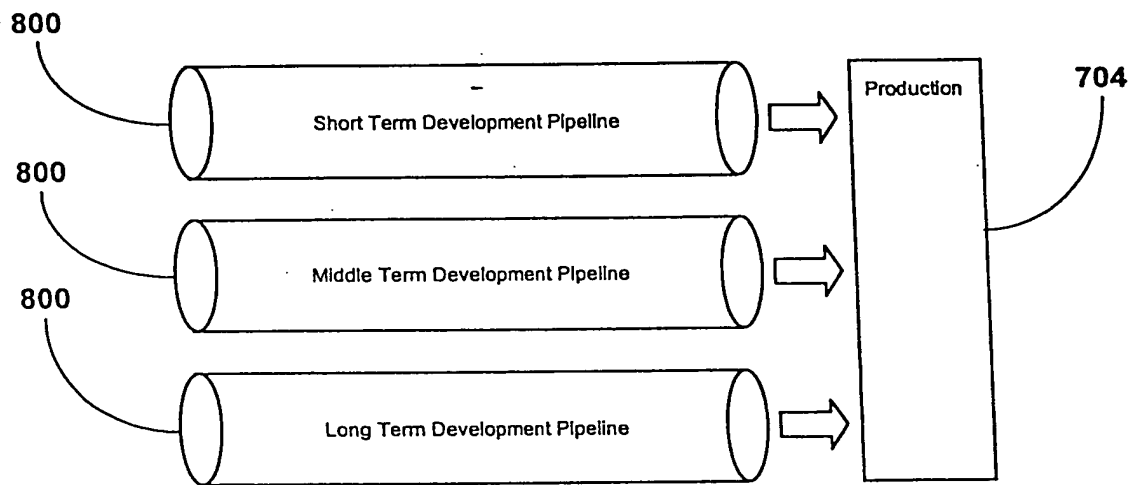


Figure 8

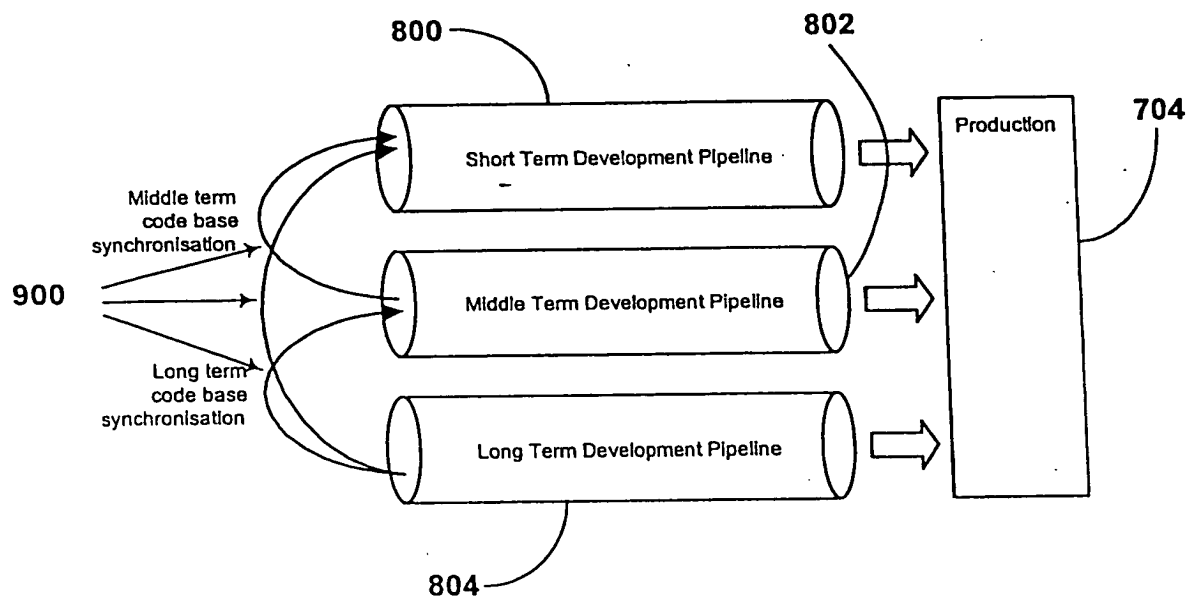


Figure 9

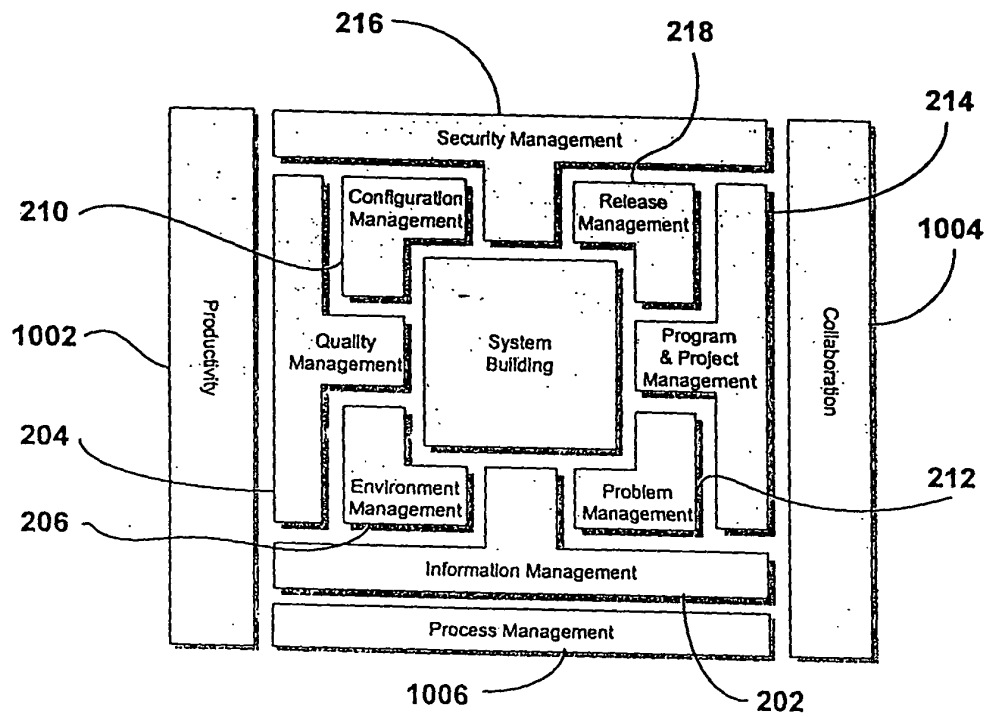


Figure 10

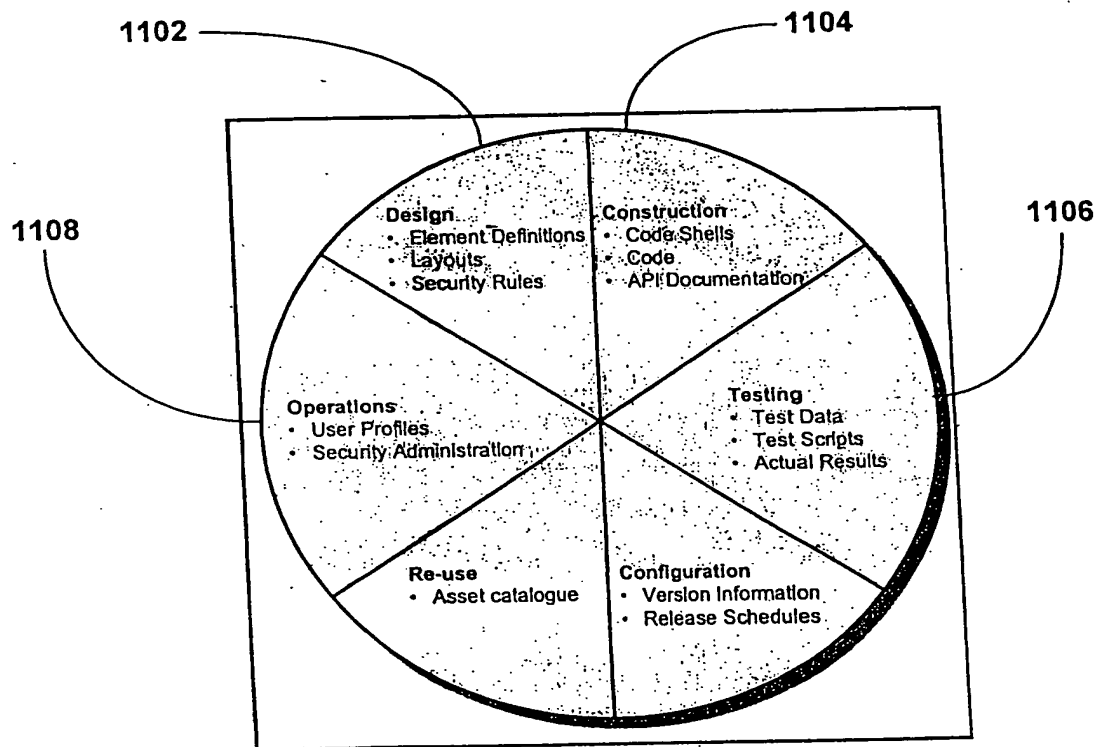


Figure 11

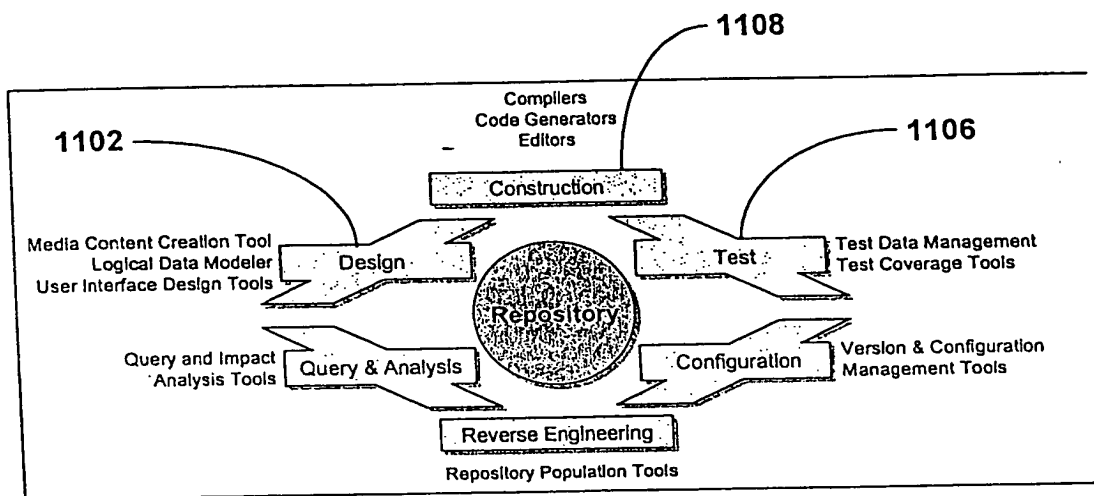


Figure 12

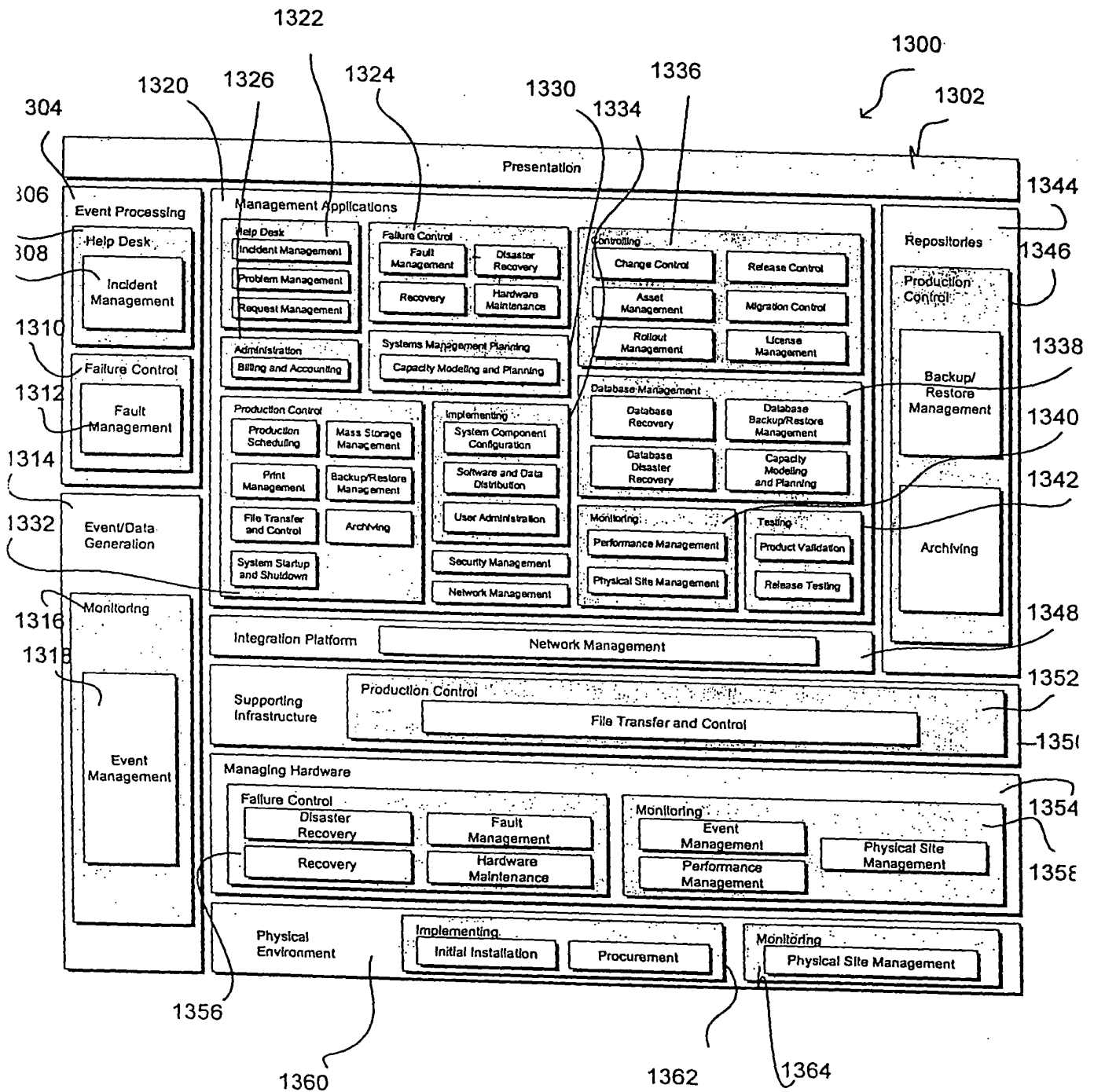


Figure 13

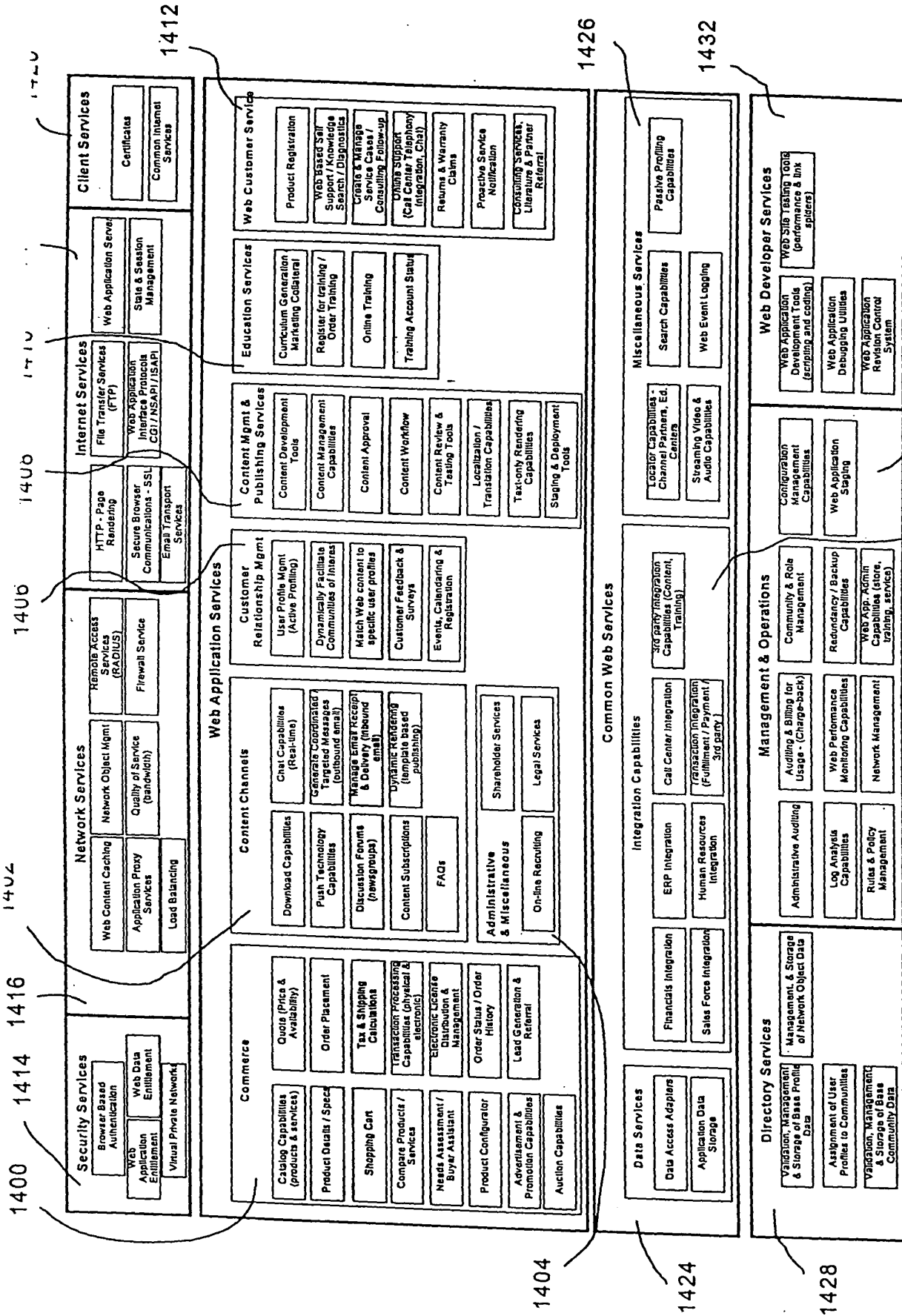
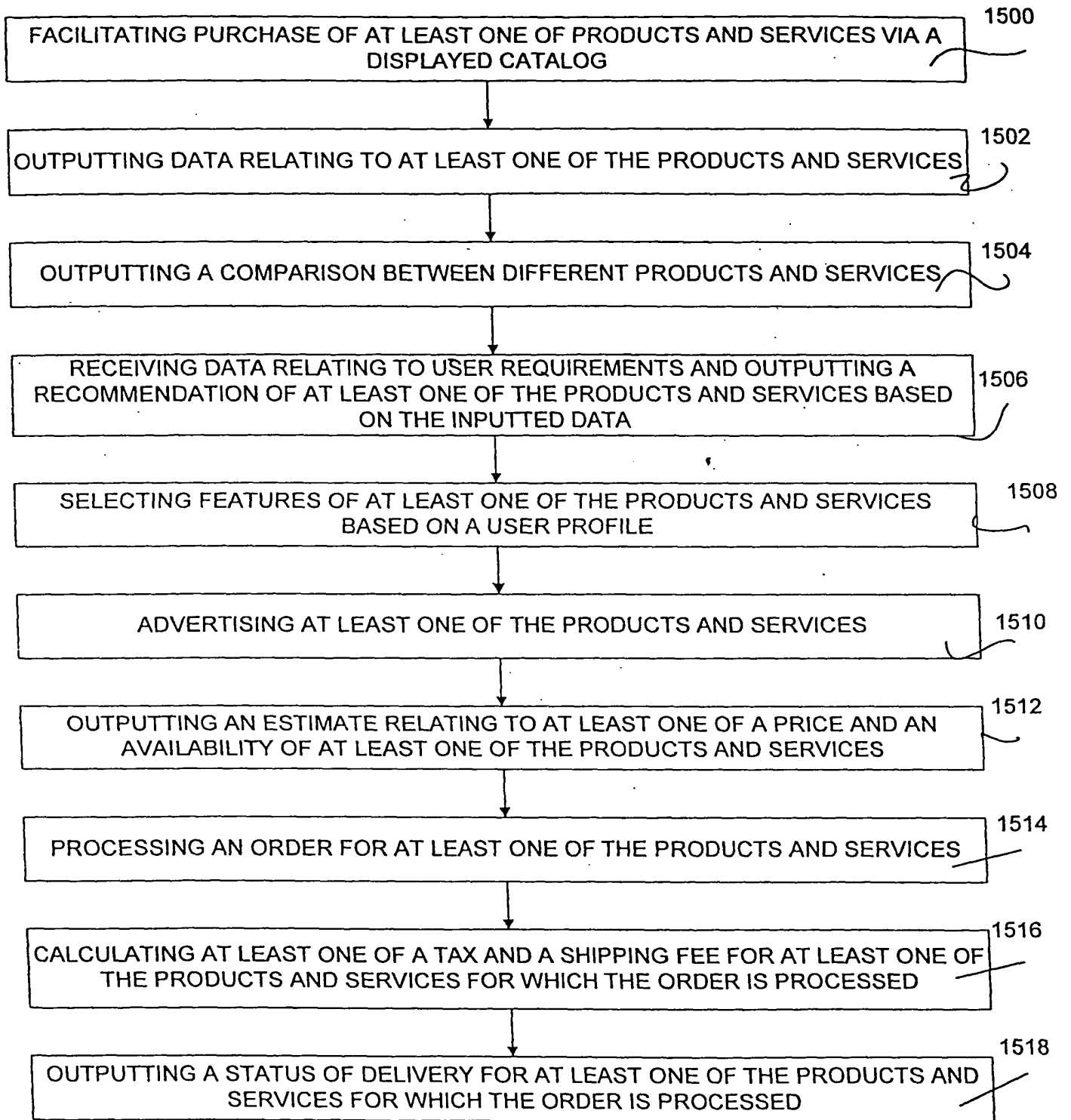


Figure 14 1422 1430



1400

Figure 15

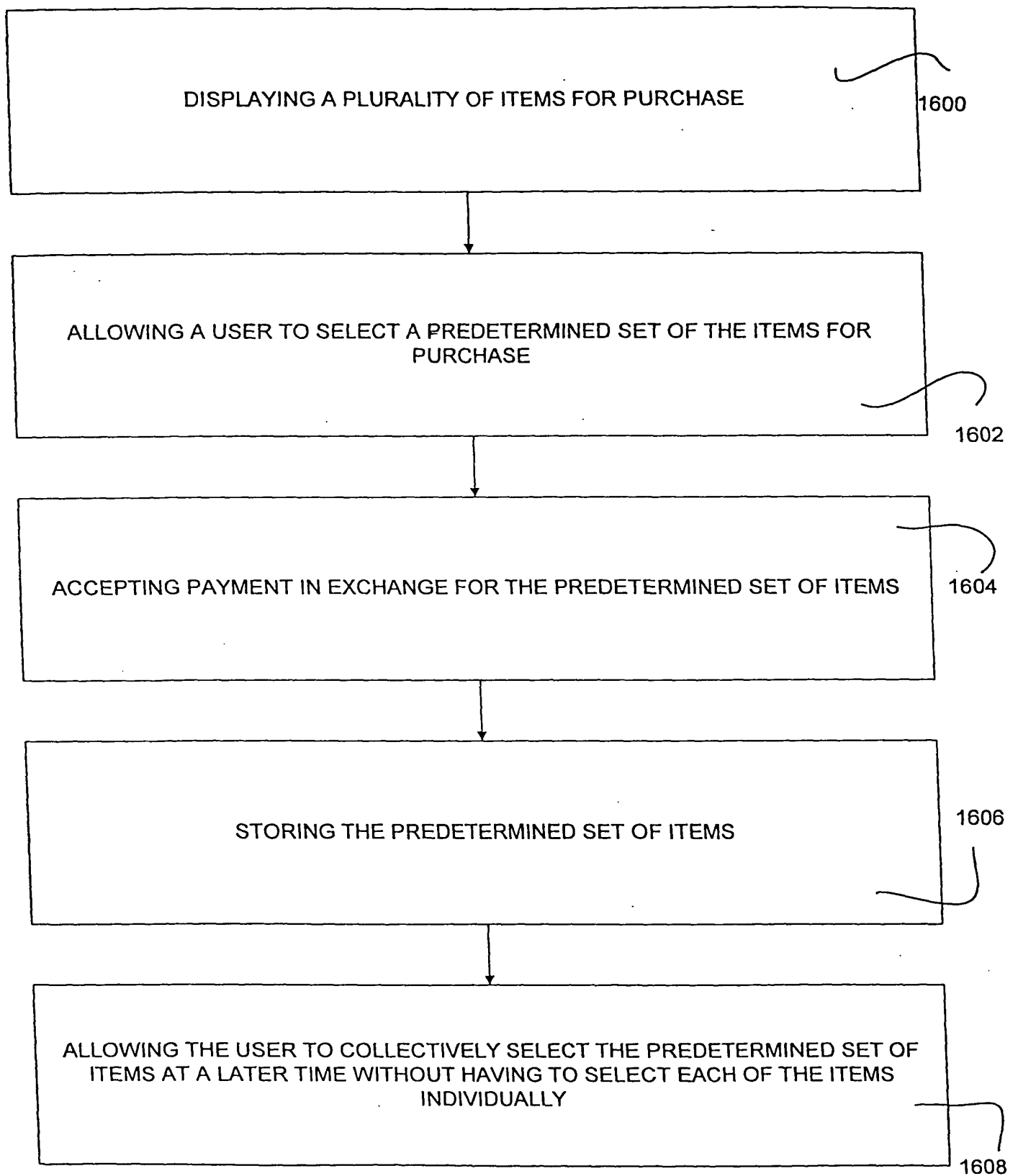


Figure 16

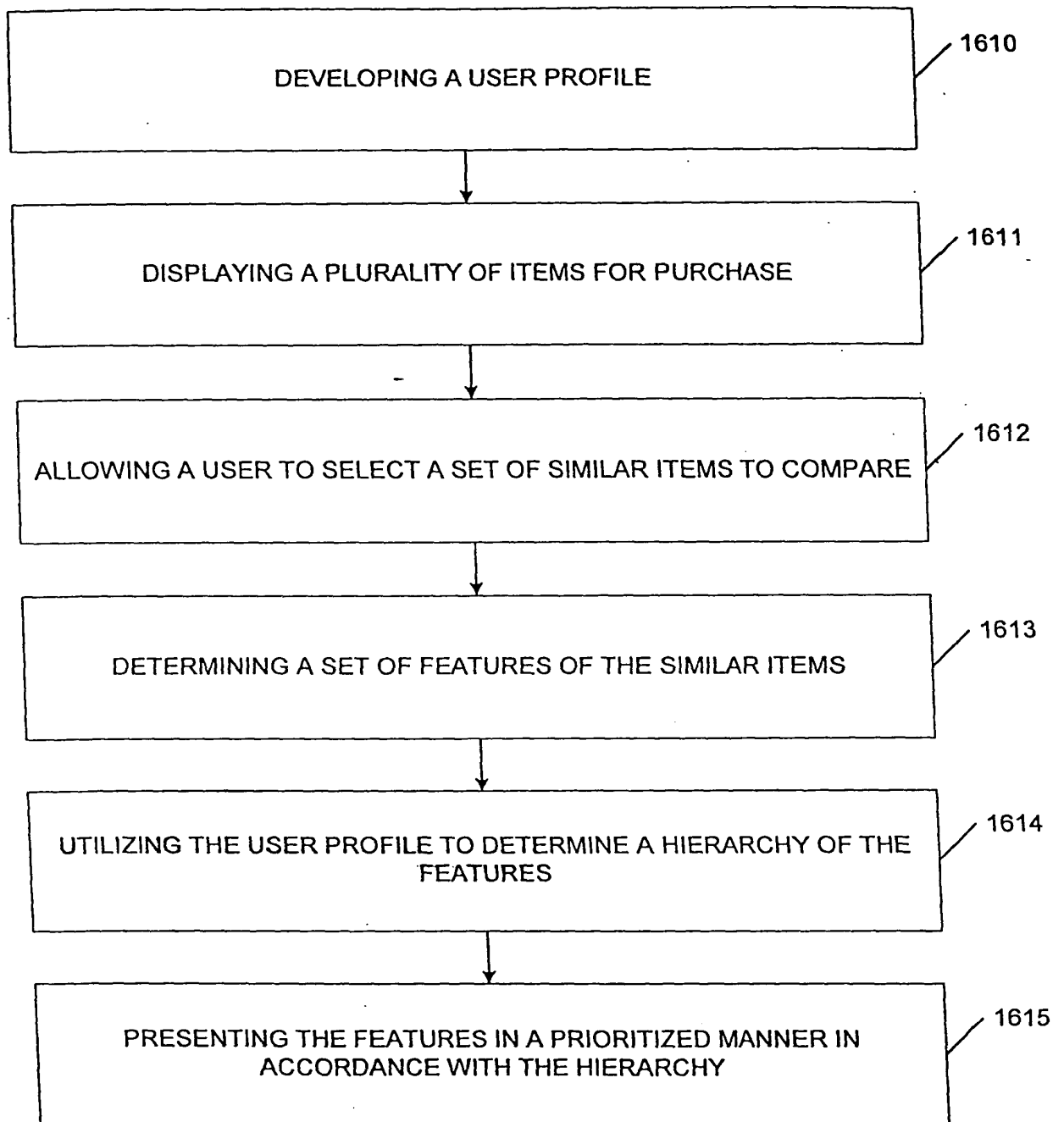


Figure 16A

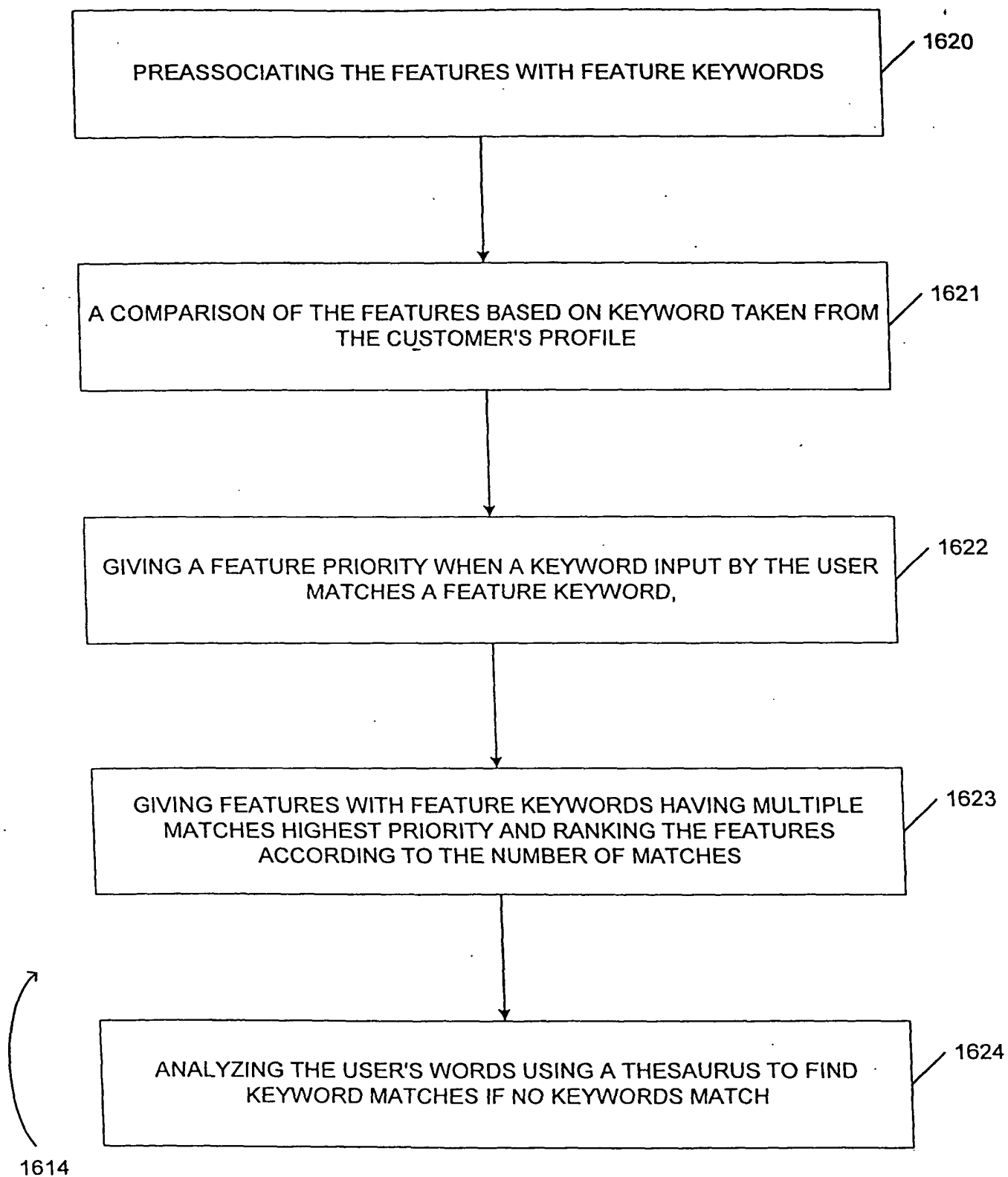
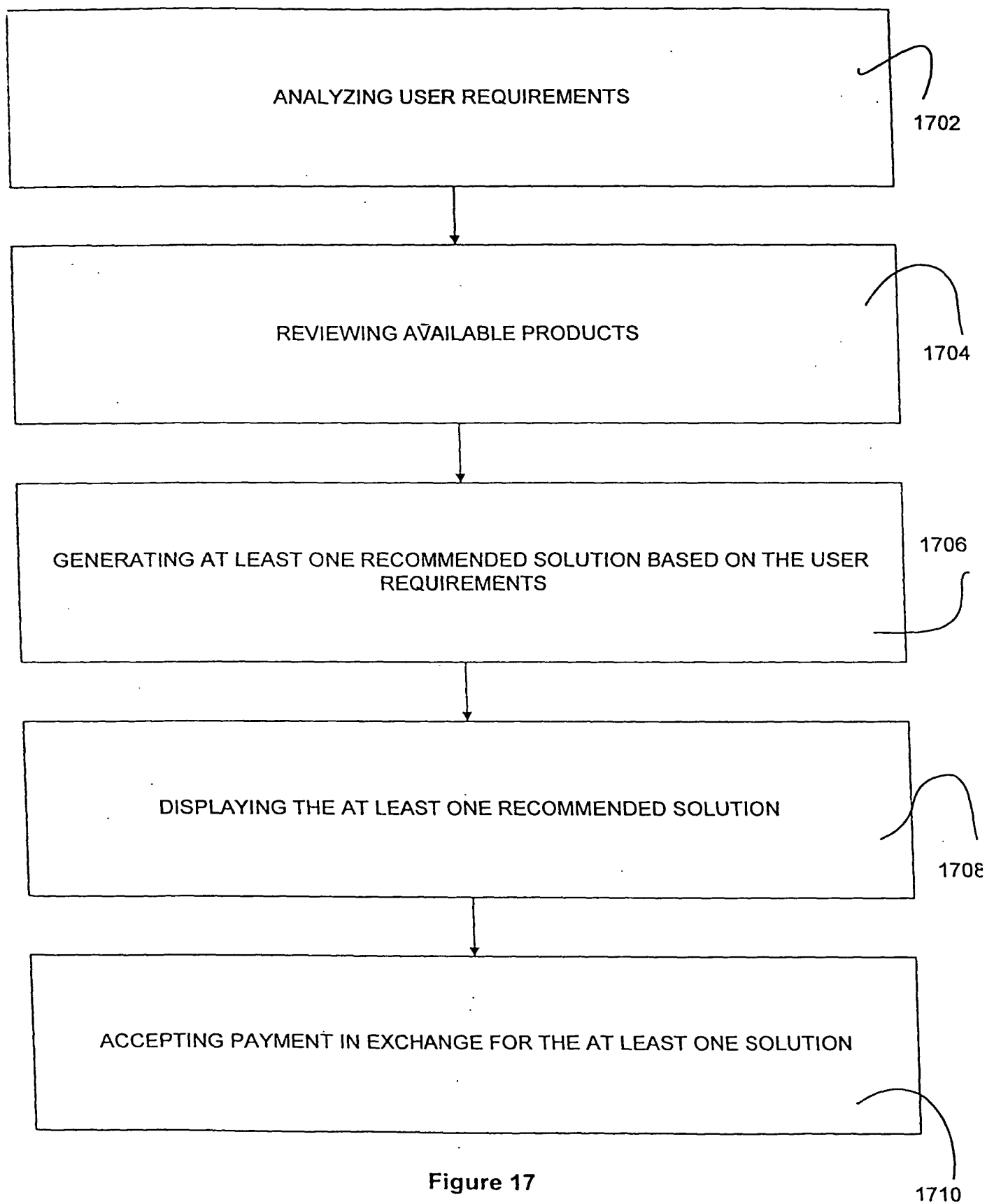


Figure 16B



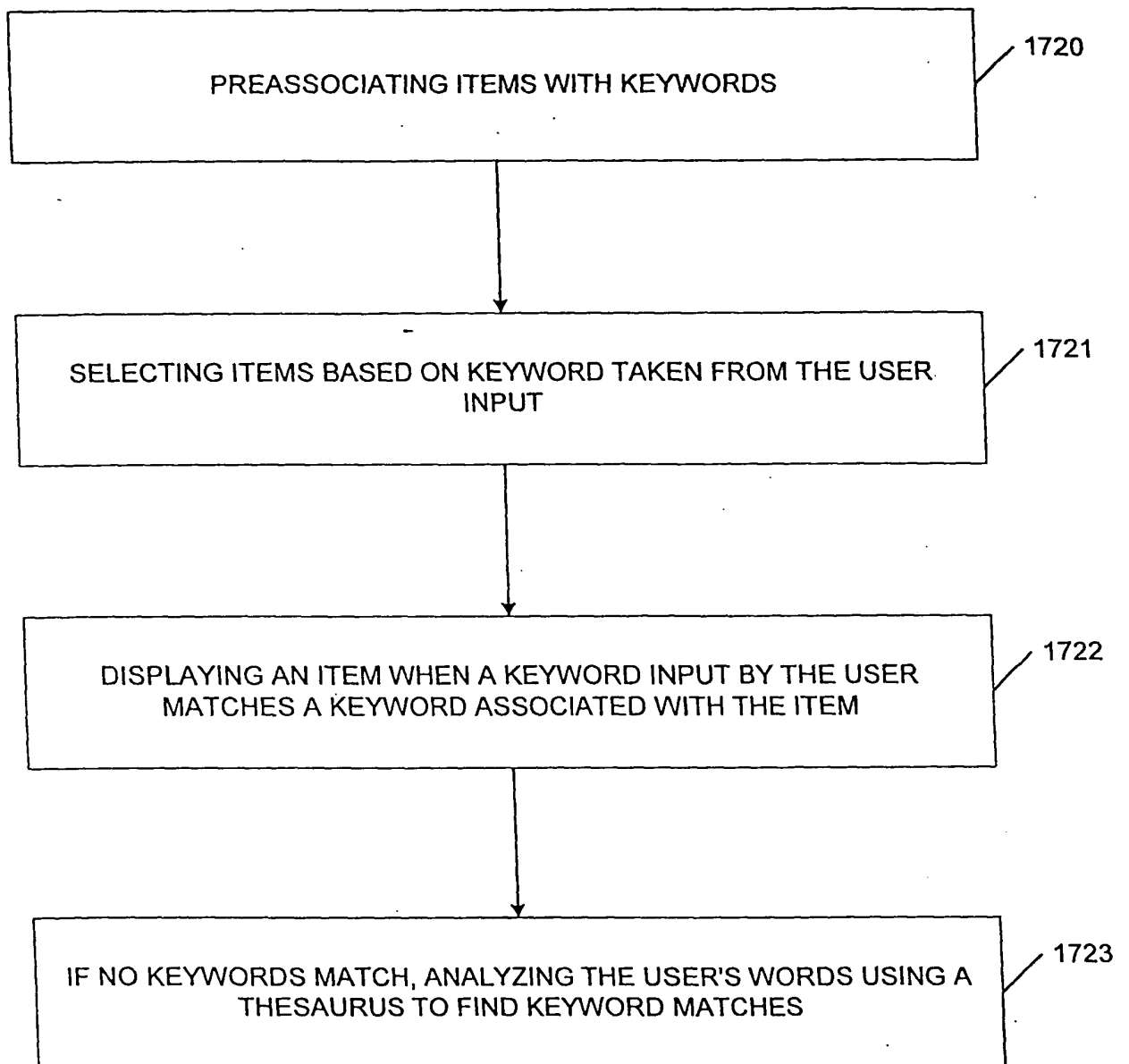


Figure 17A

1706

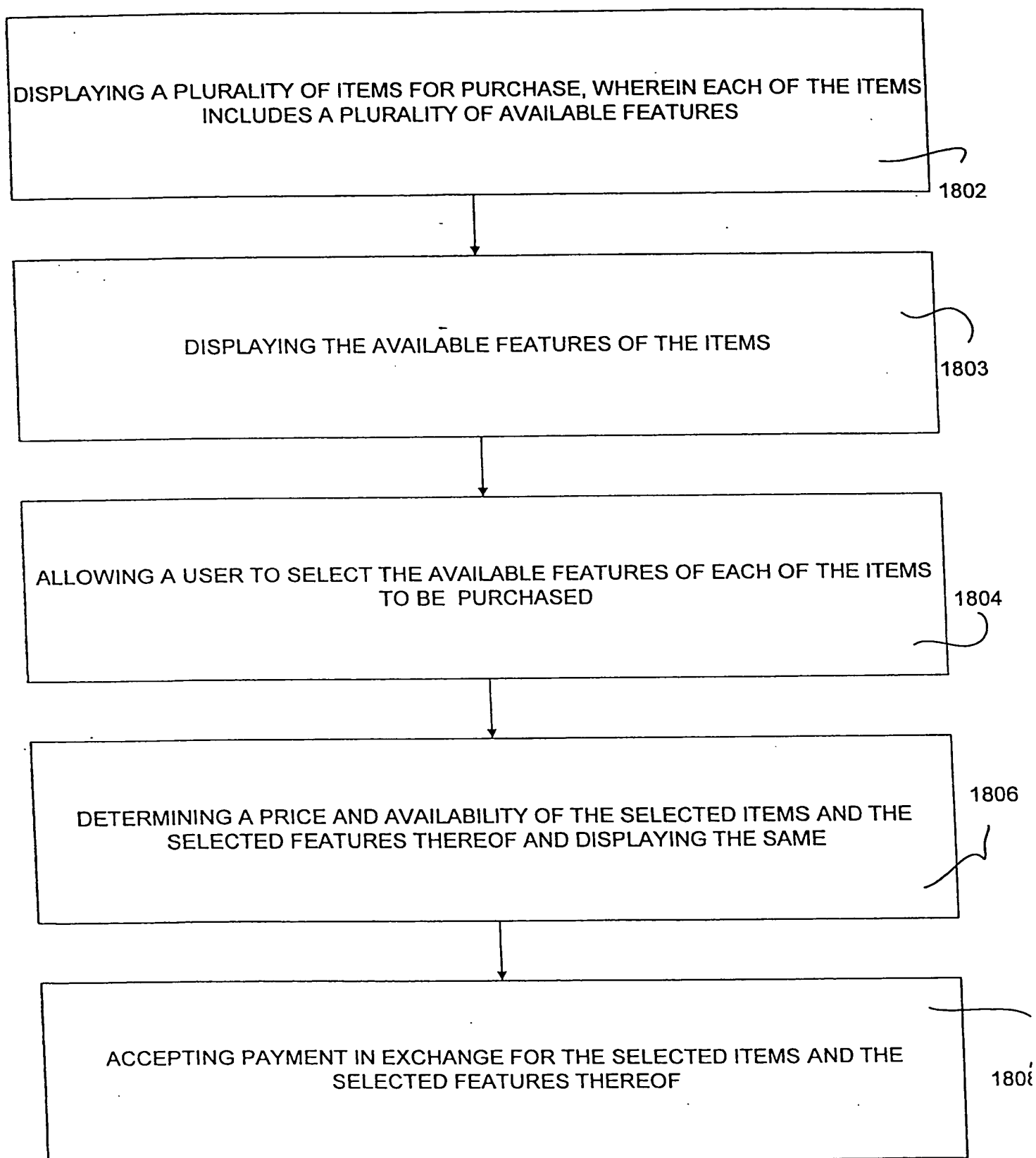


Figure 18

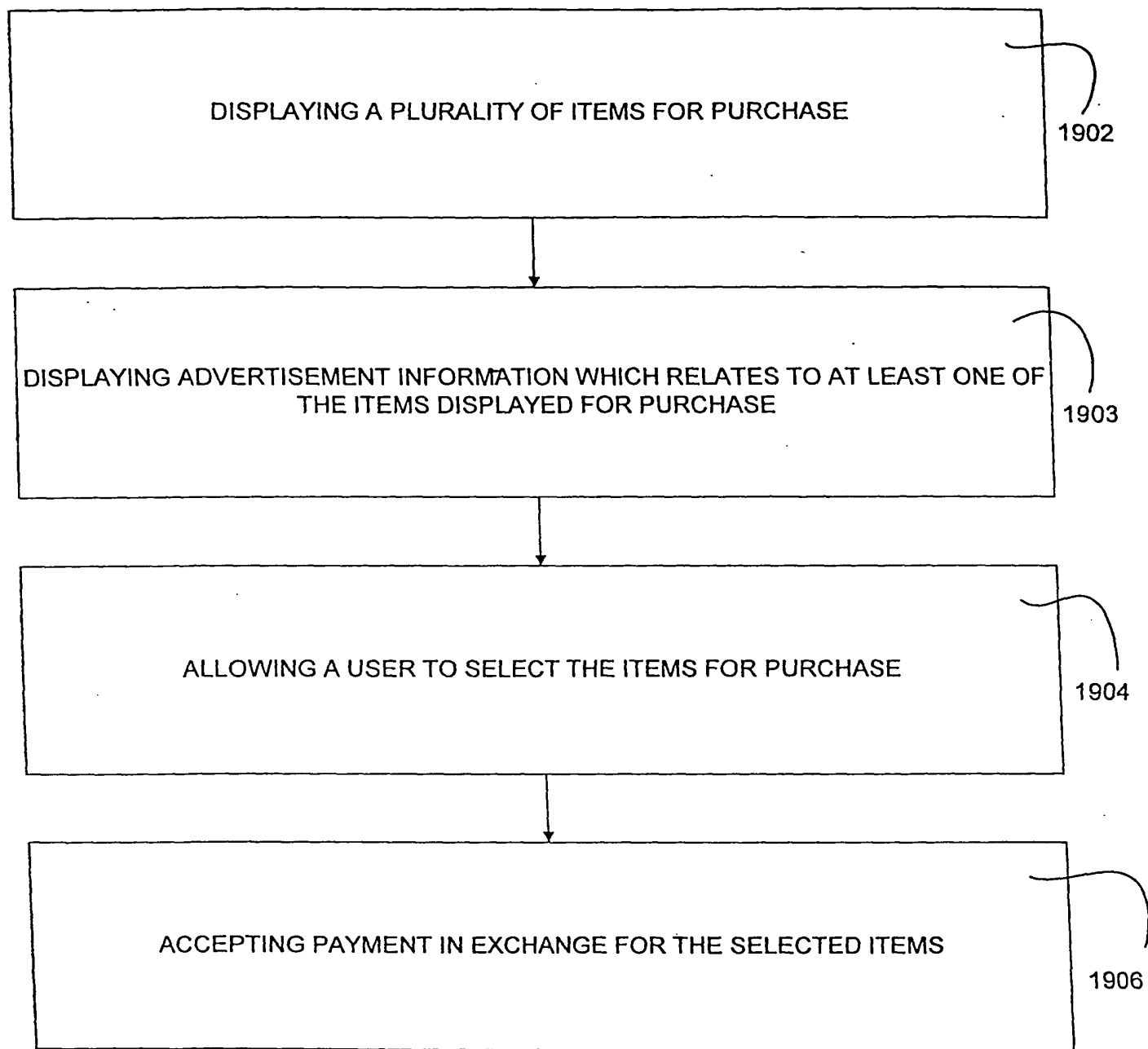


Figure 19

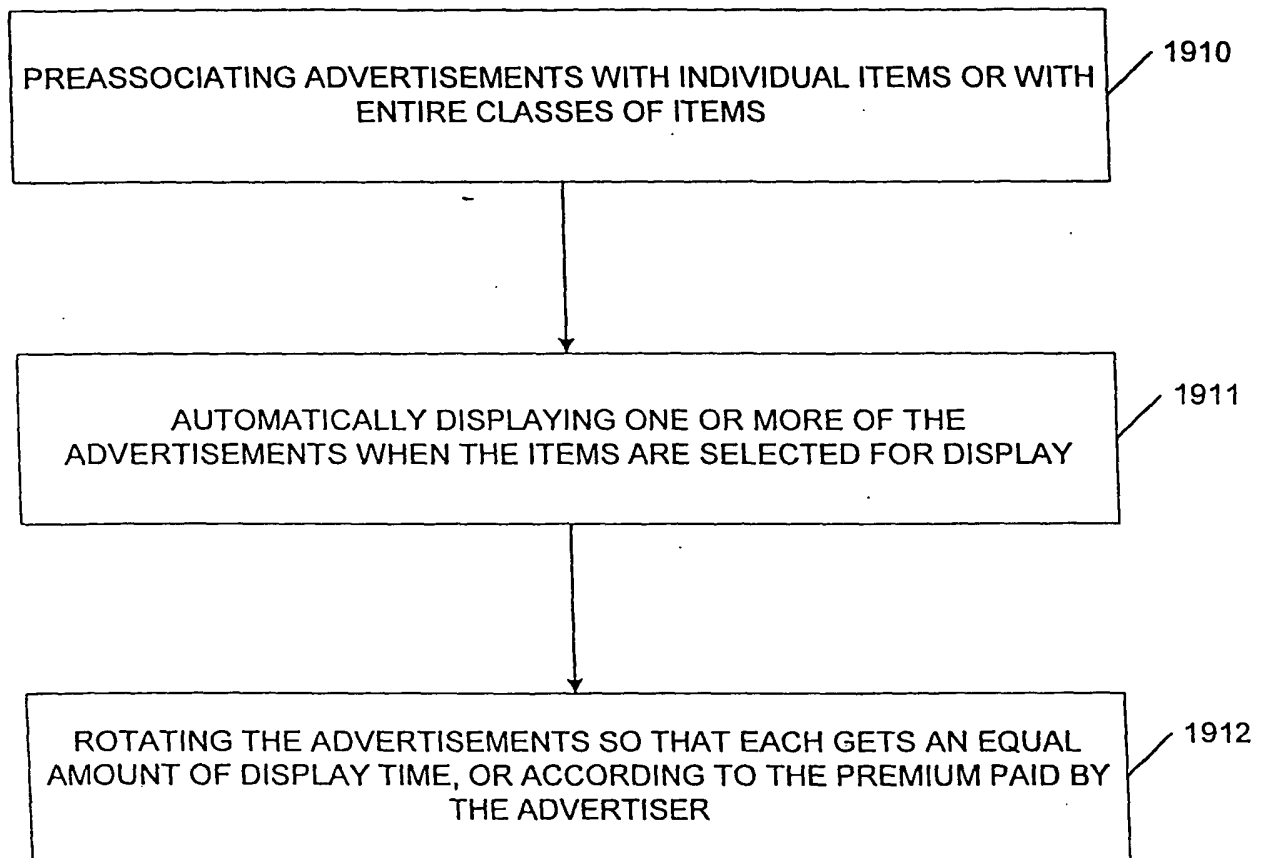


Figure 19A

1903

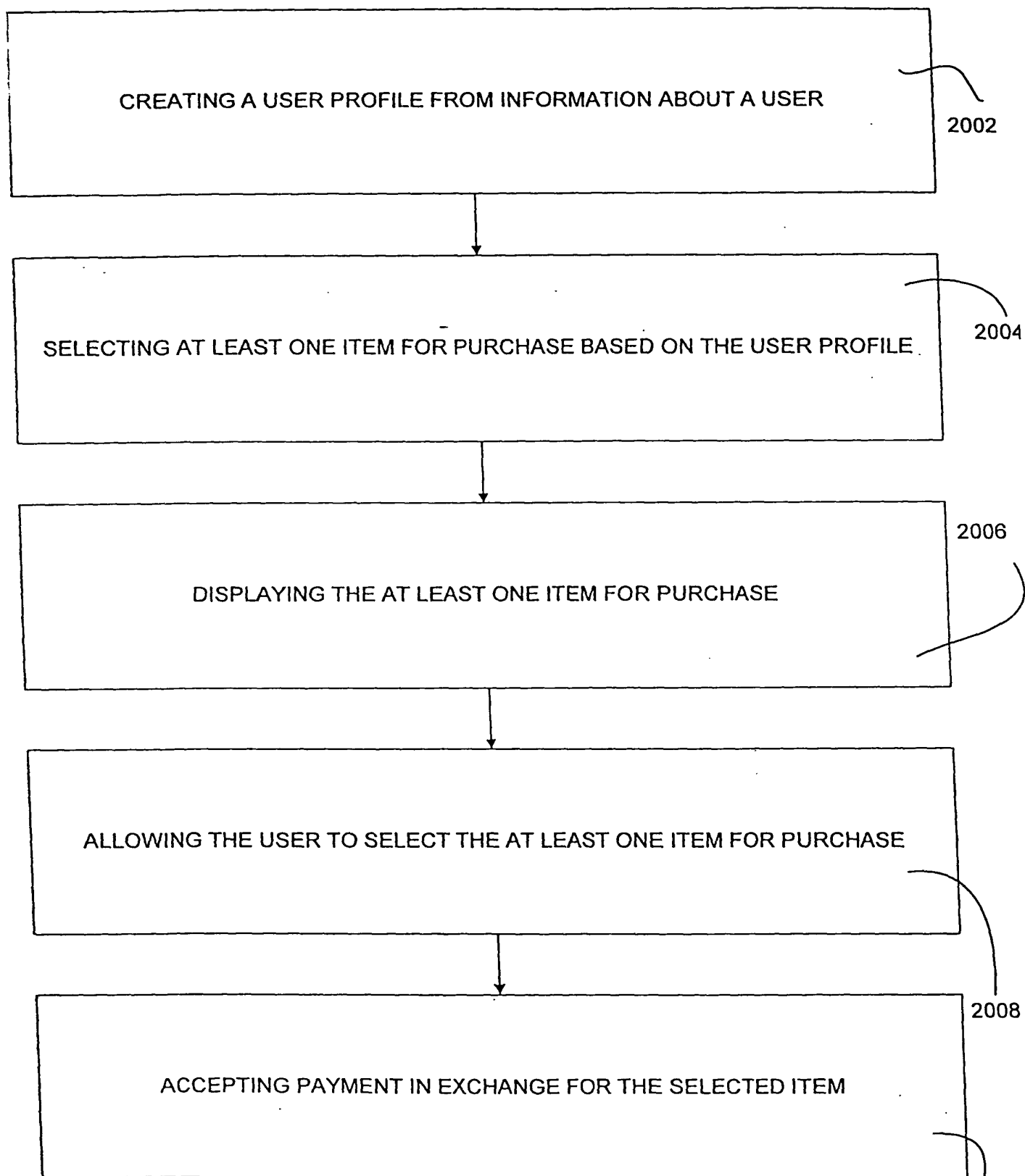
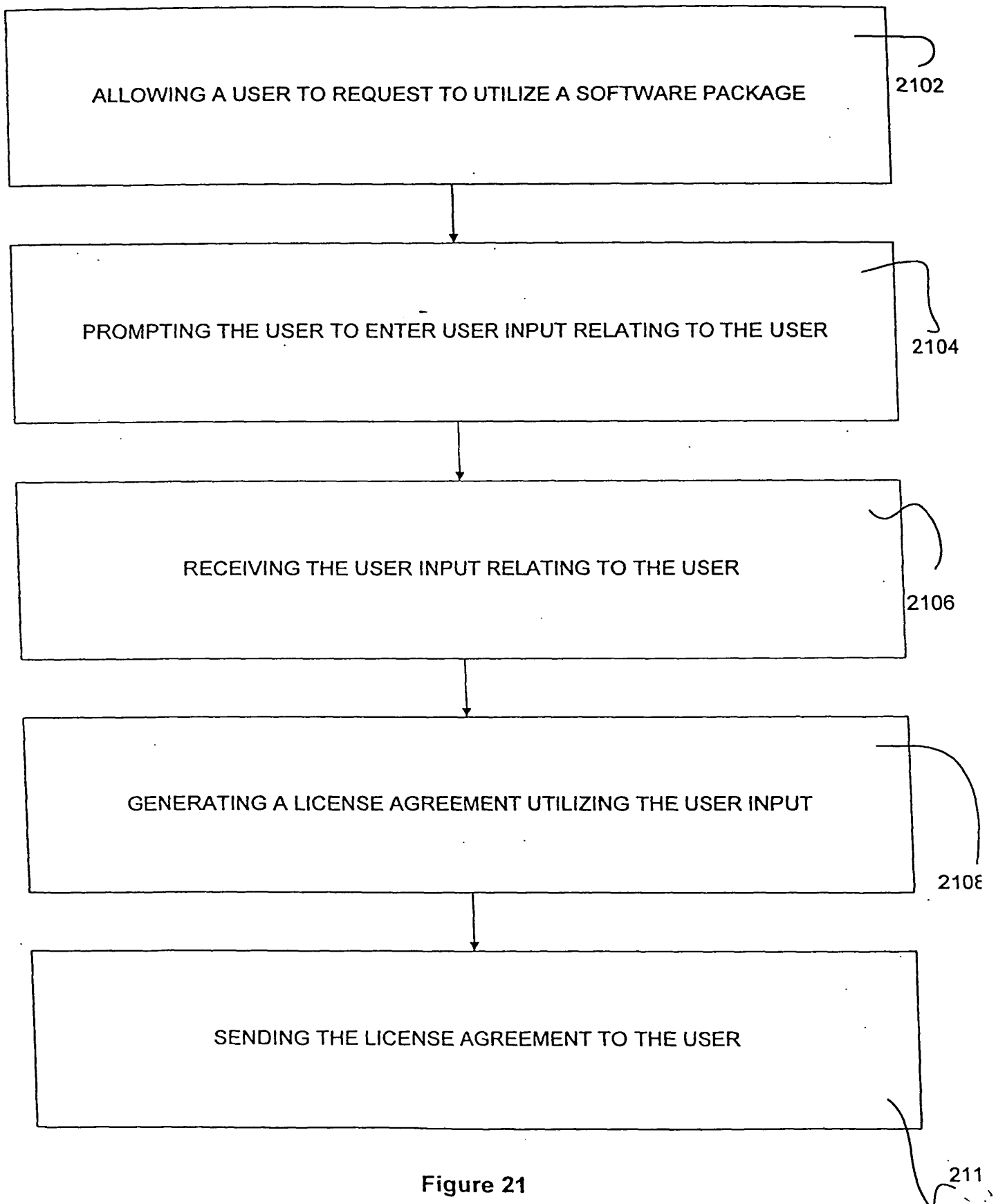
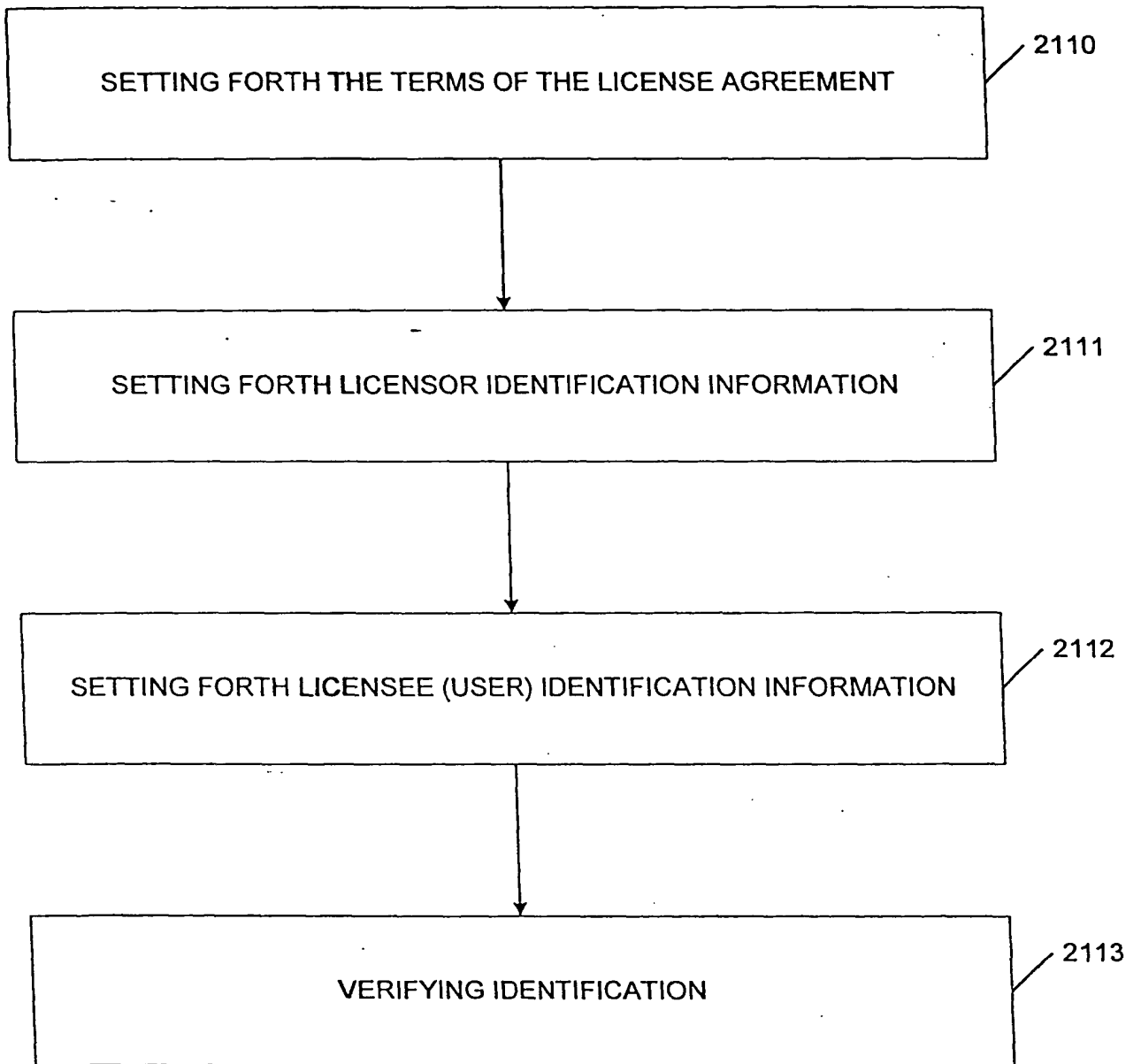


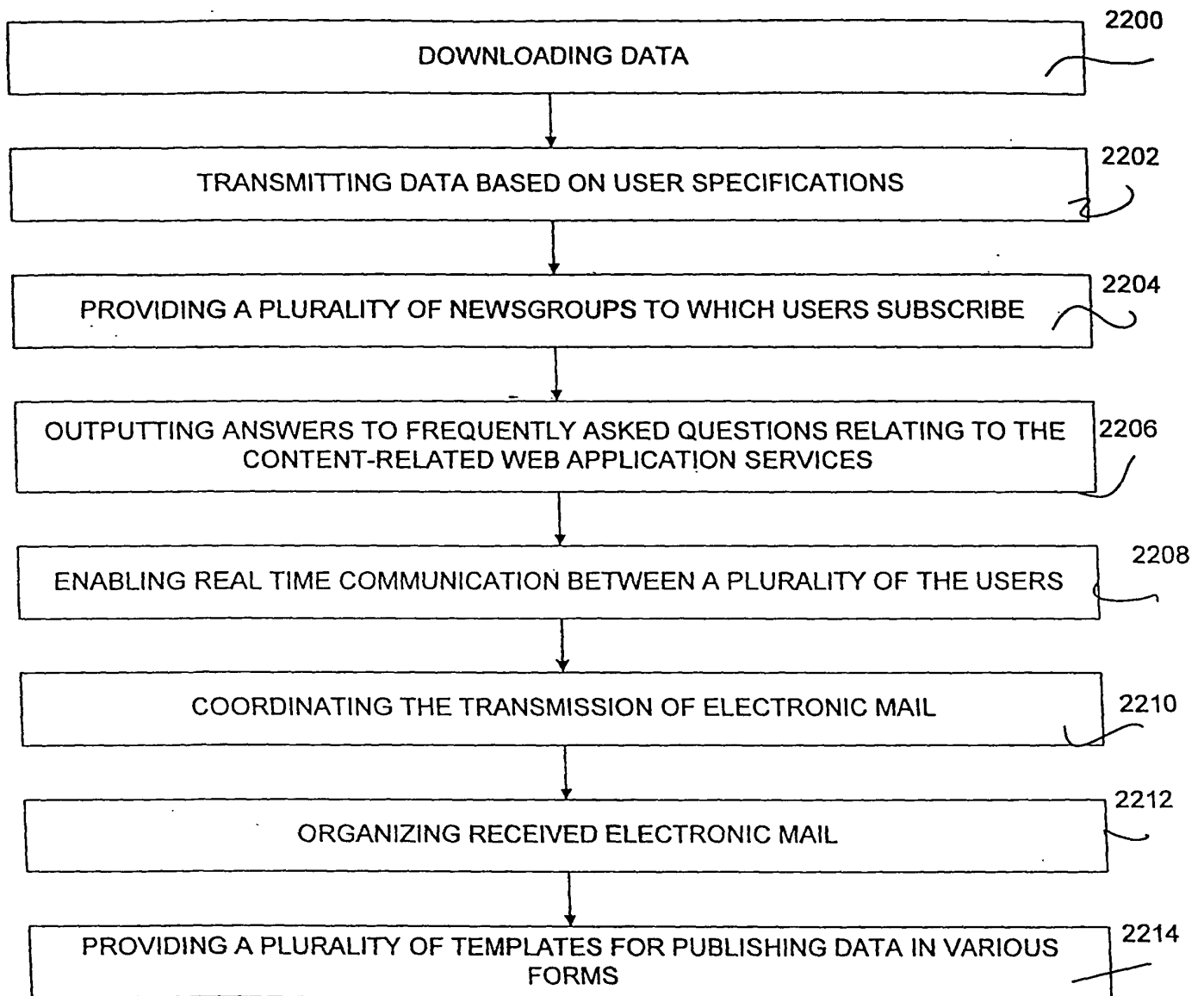
Figure 20





2108

Figure 21A



1402

Figure 22

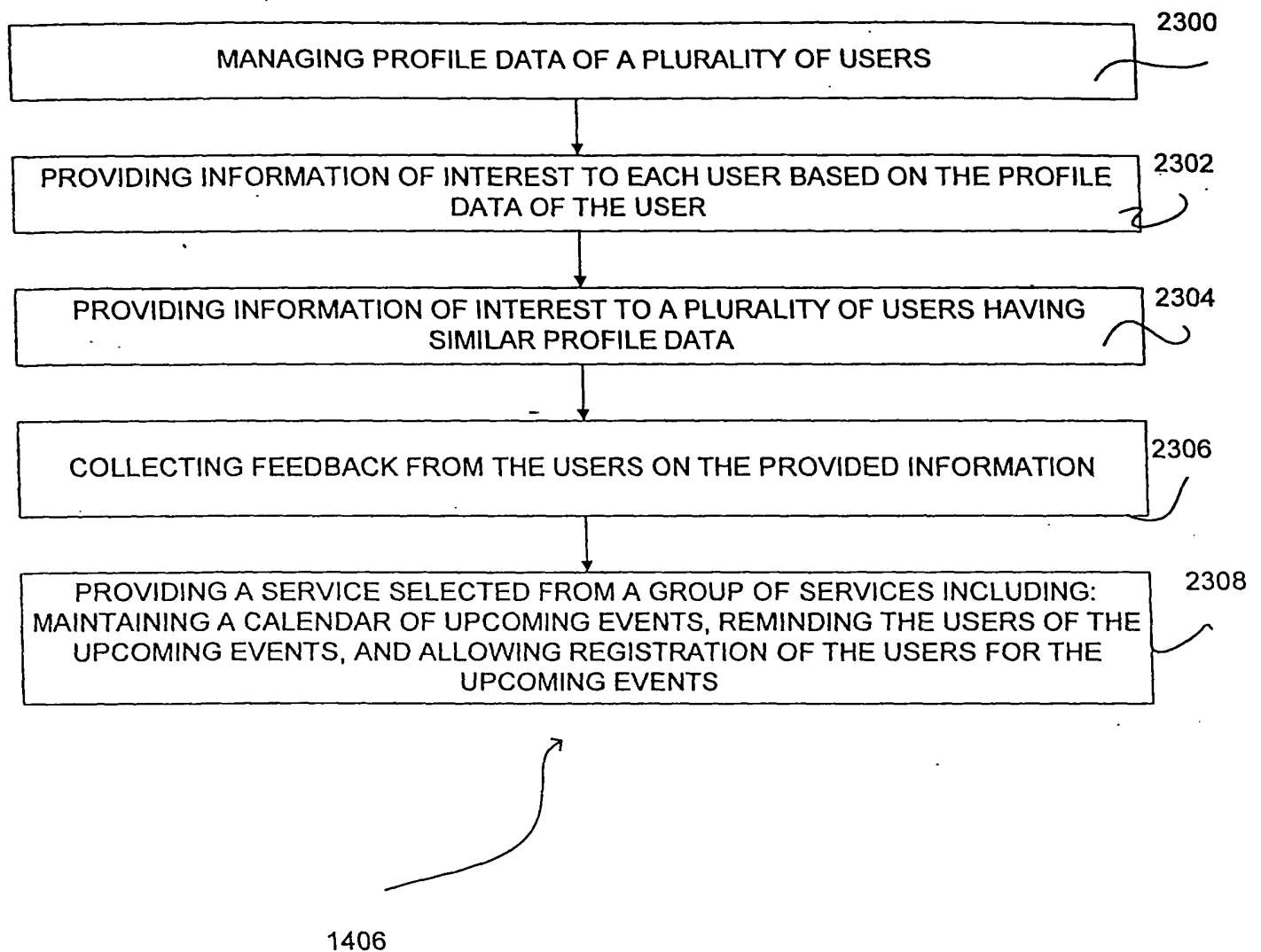
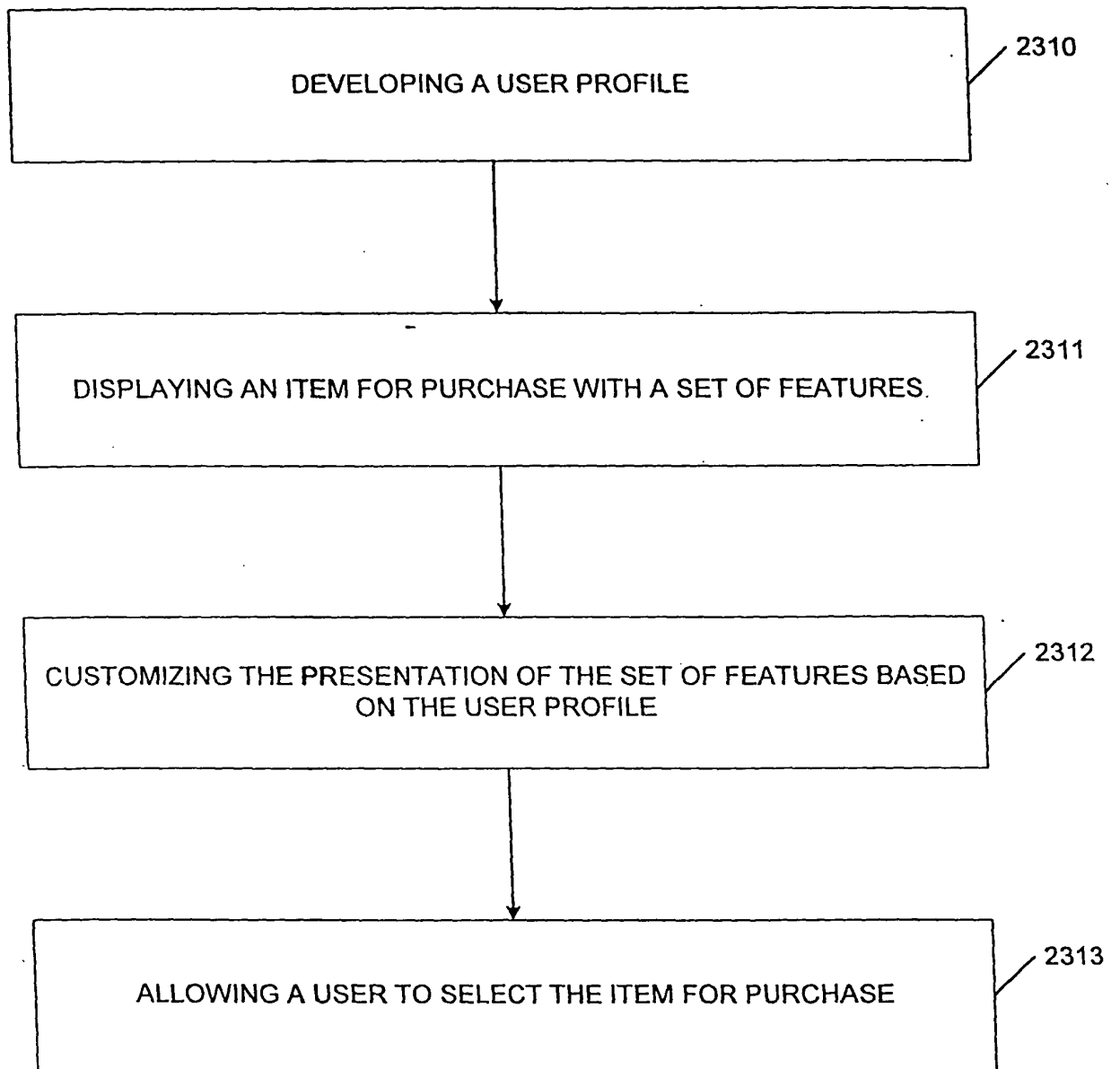


Figure 23



2300

Figure 23A

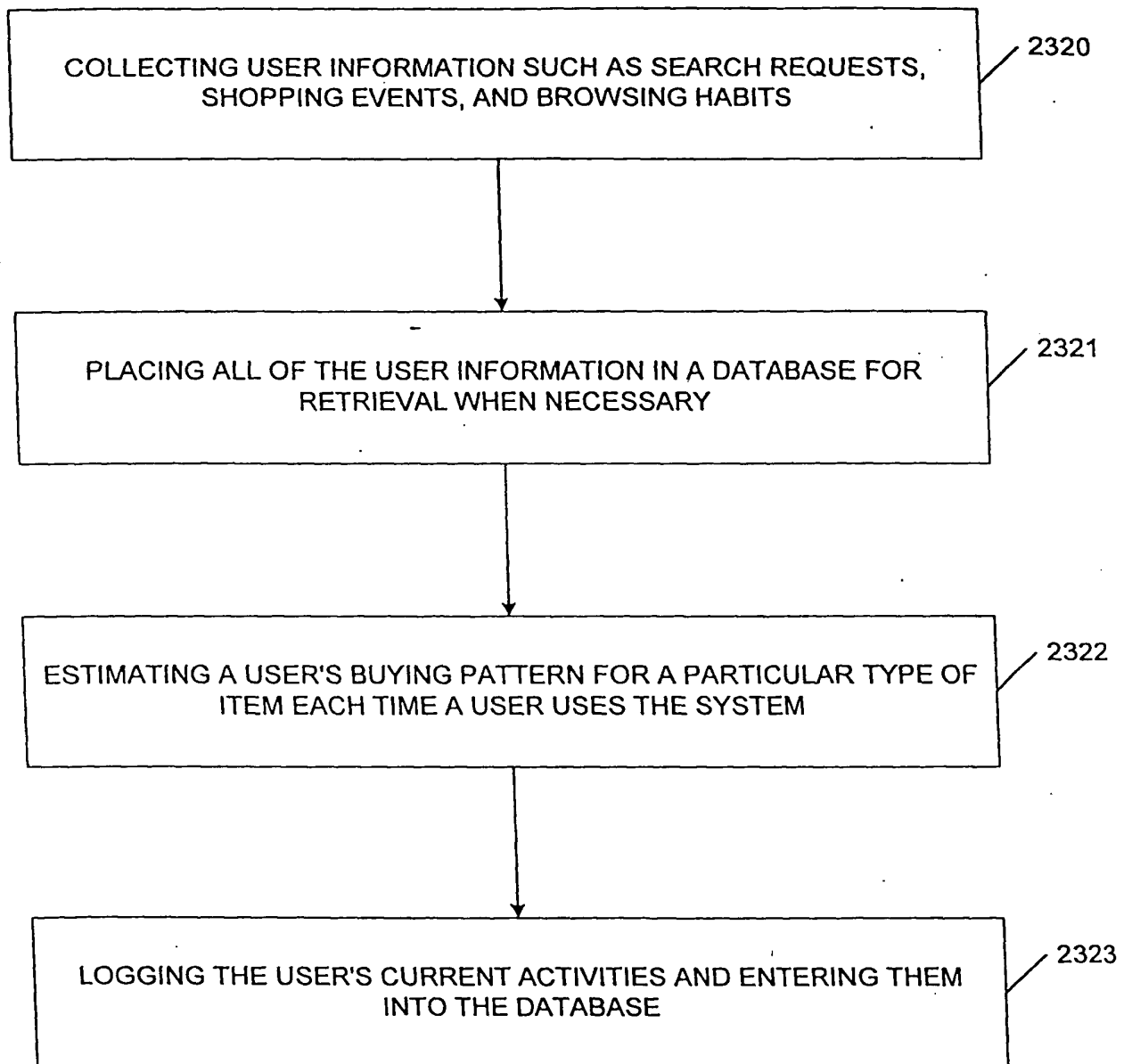
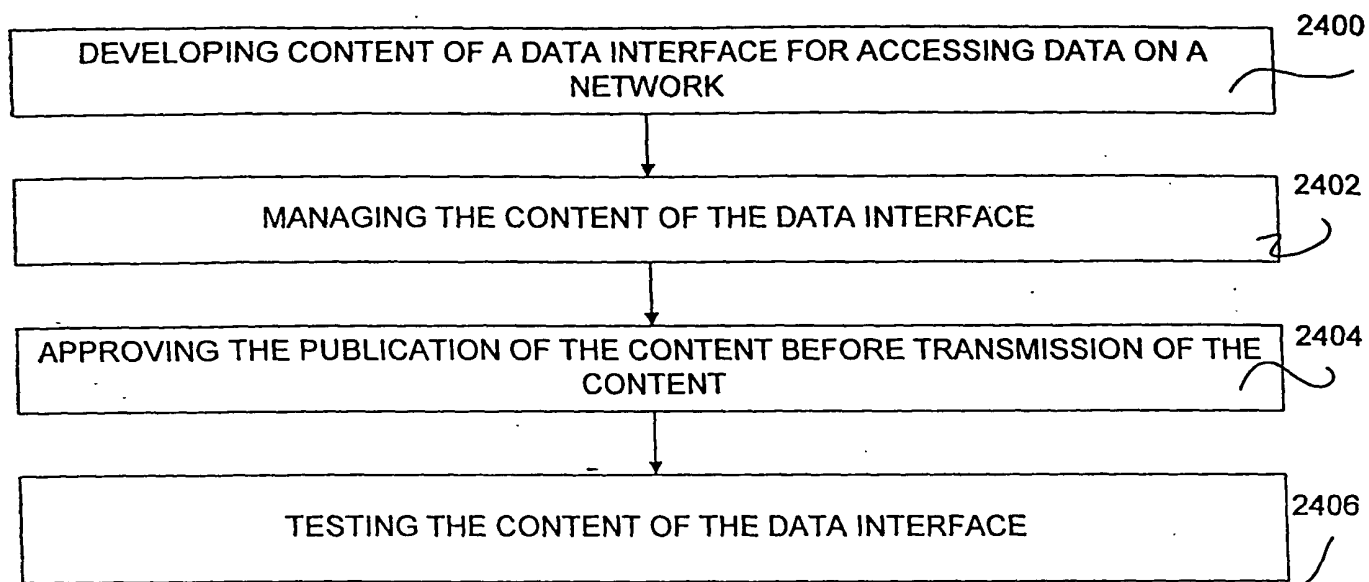


Figure 23B

2310



1408

Figure 24

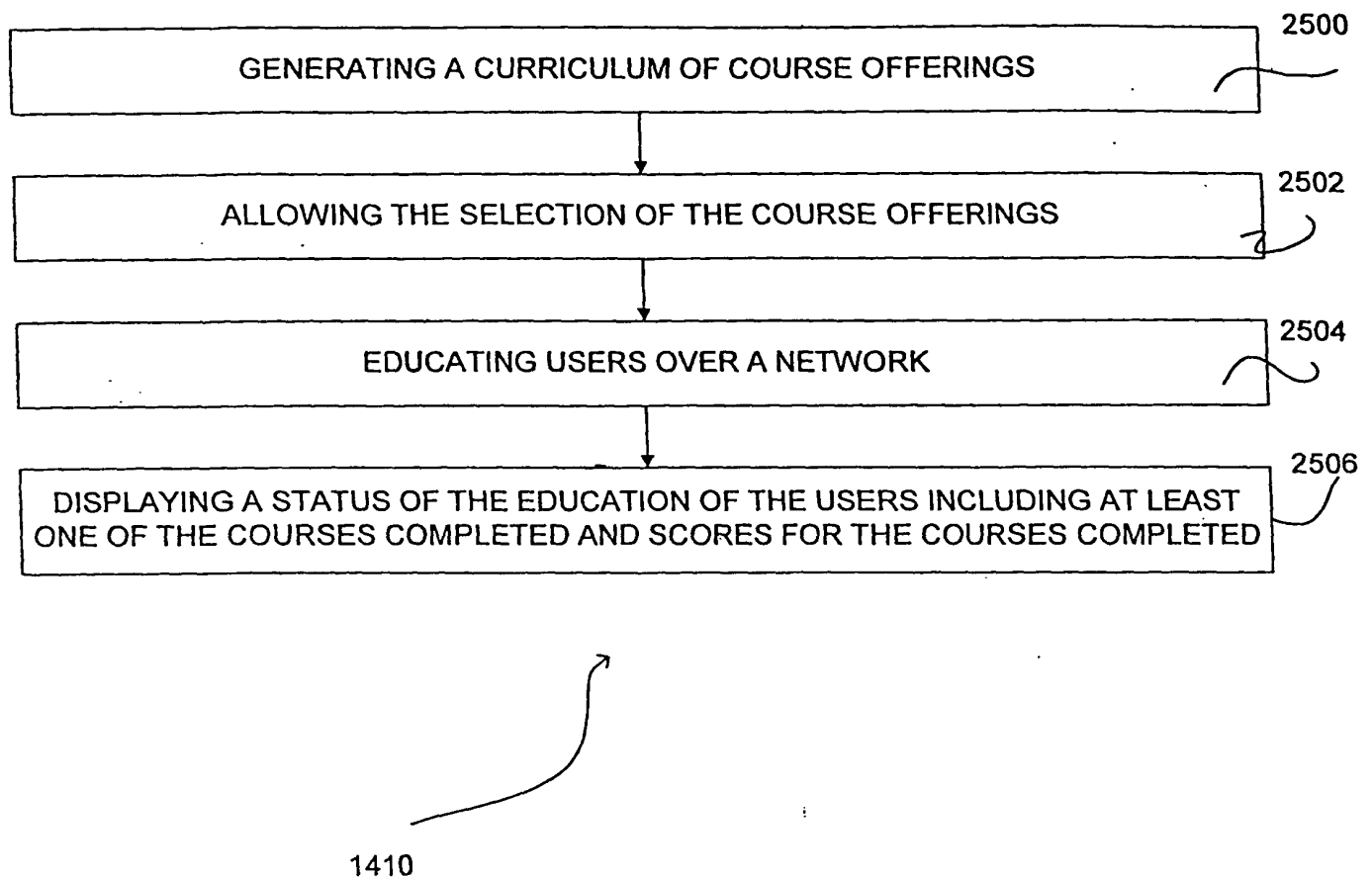


Figure 25

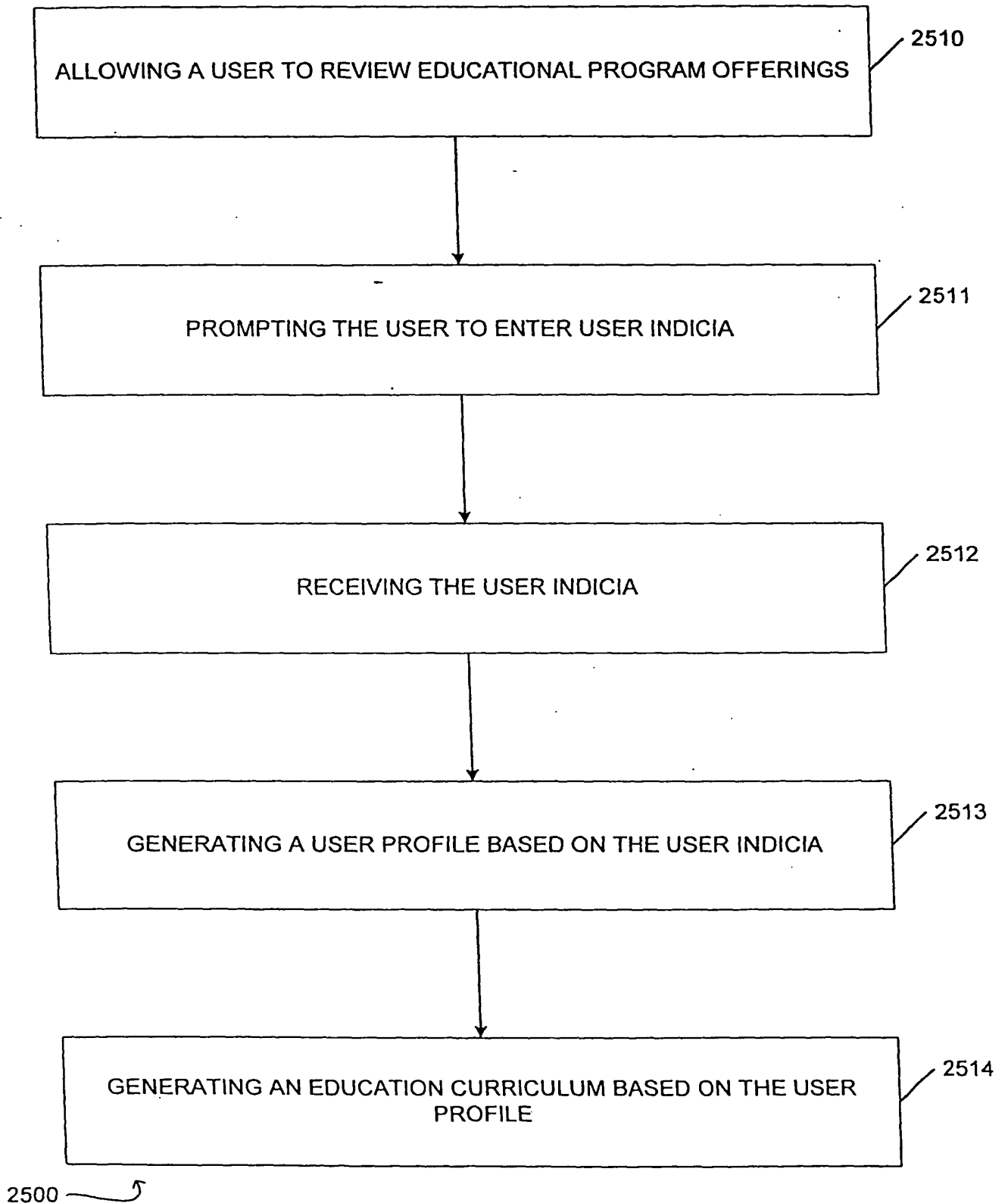


Figure 25A

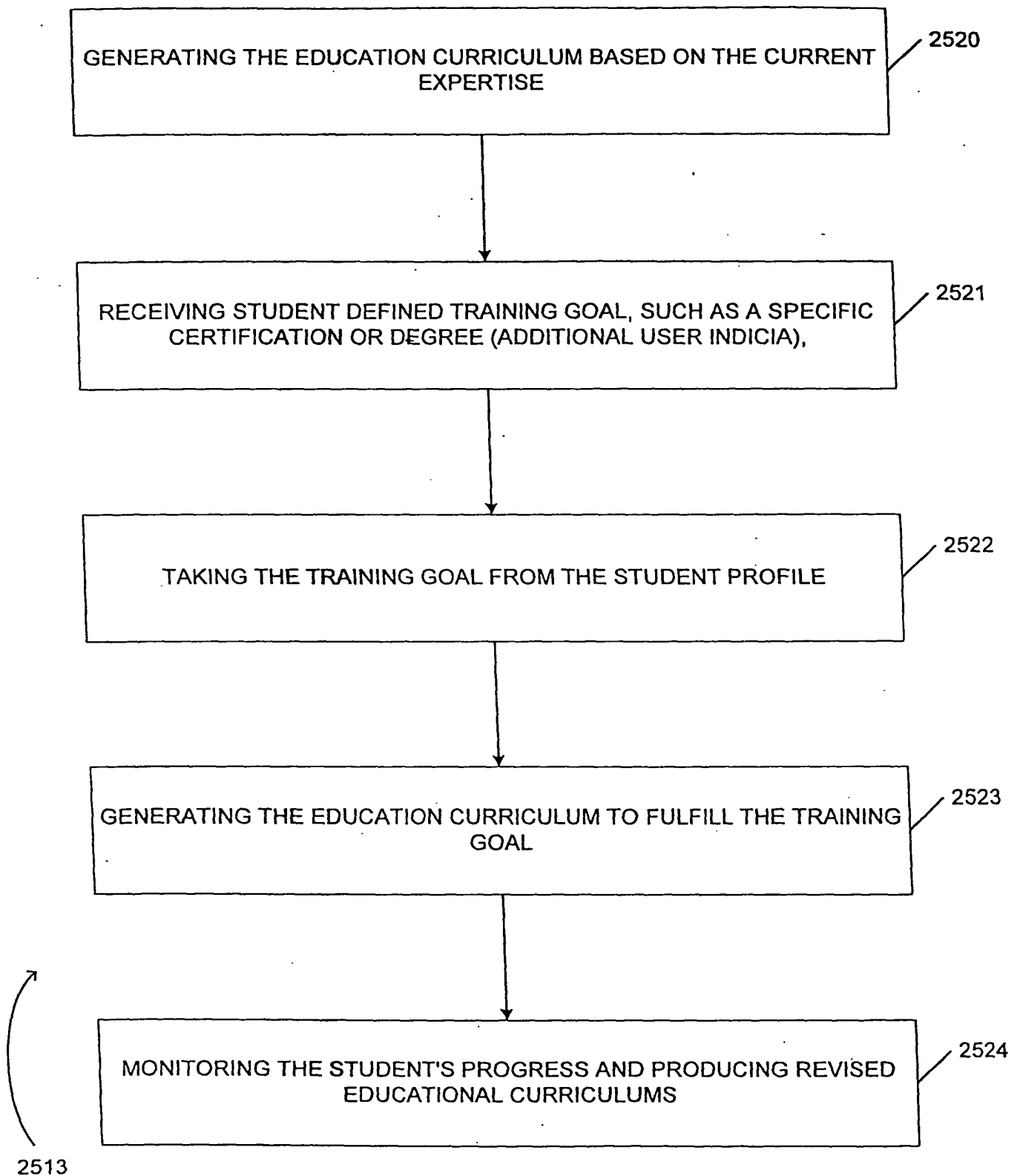


Figure 25B

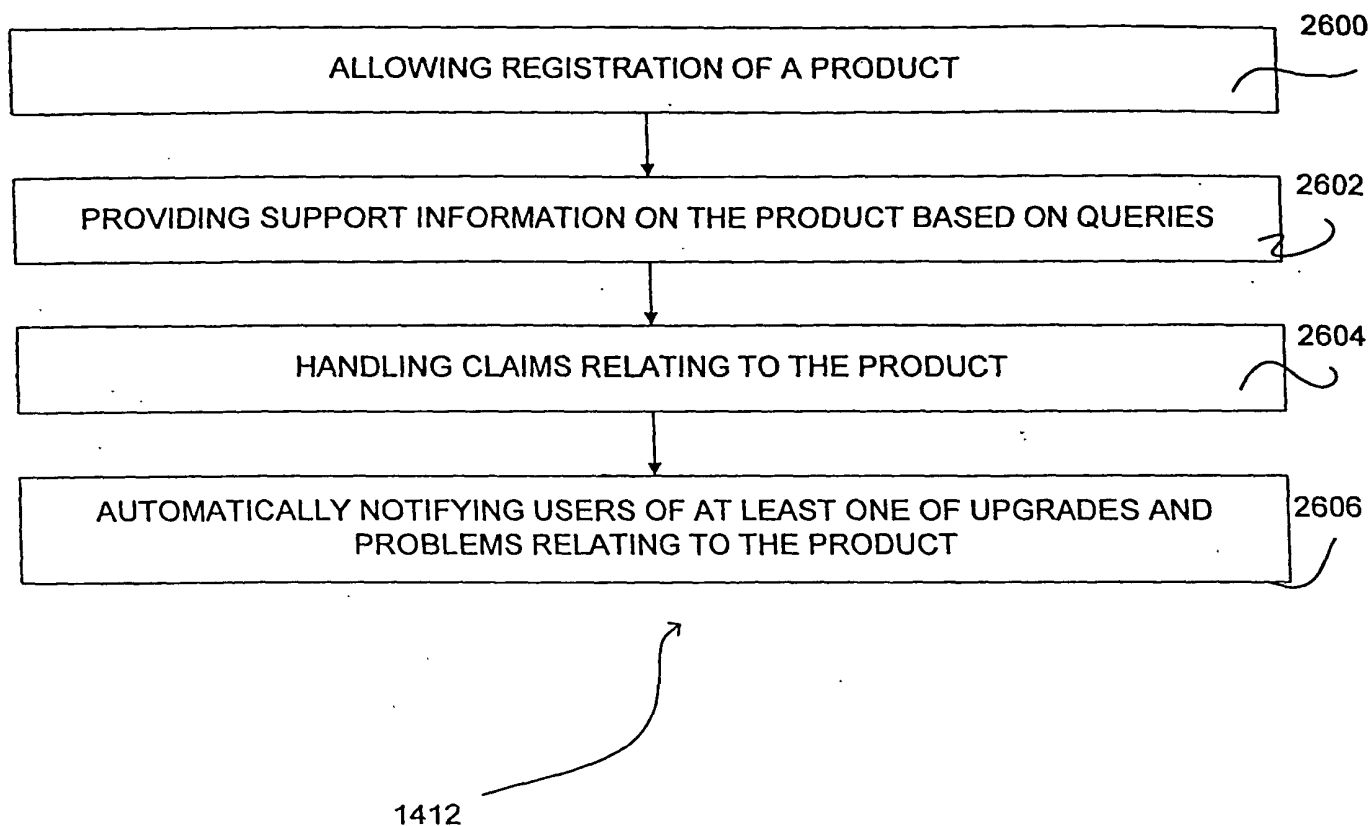


Figure 26

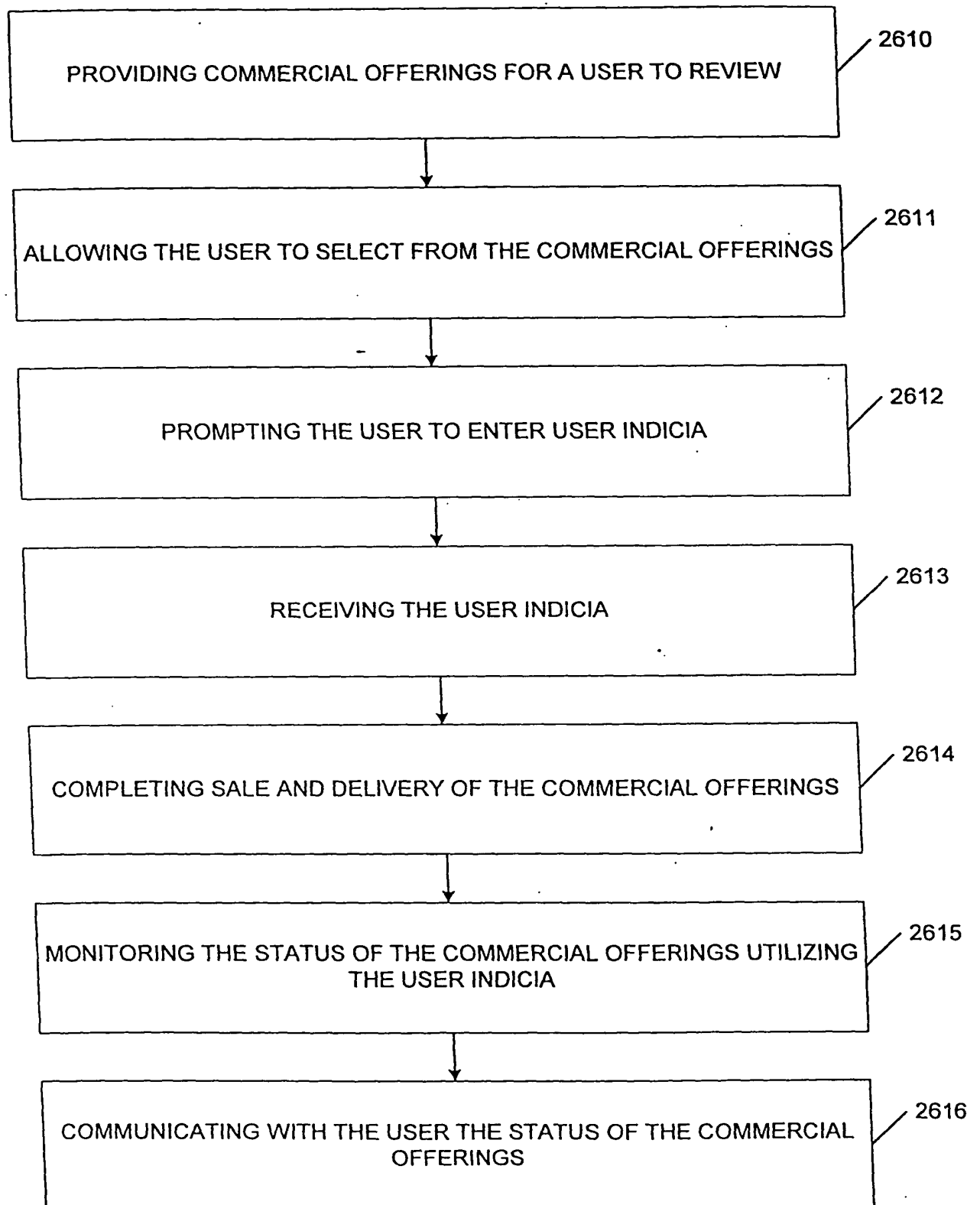


Figure 26A

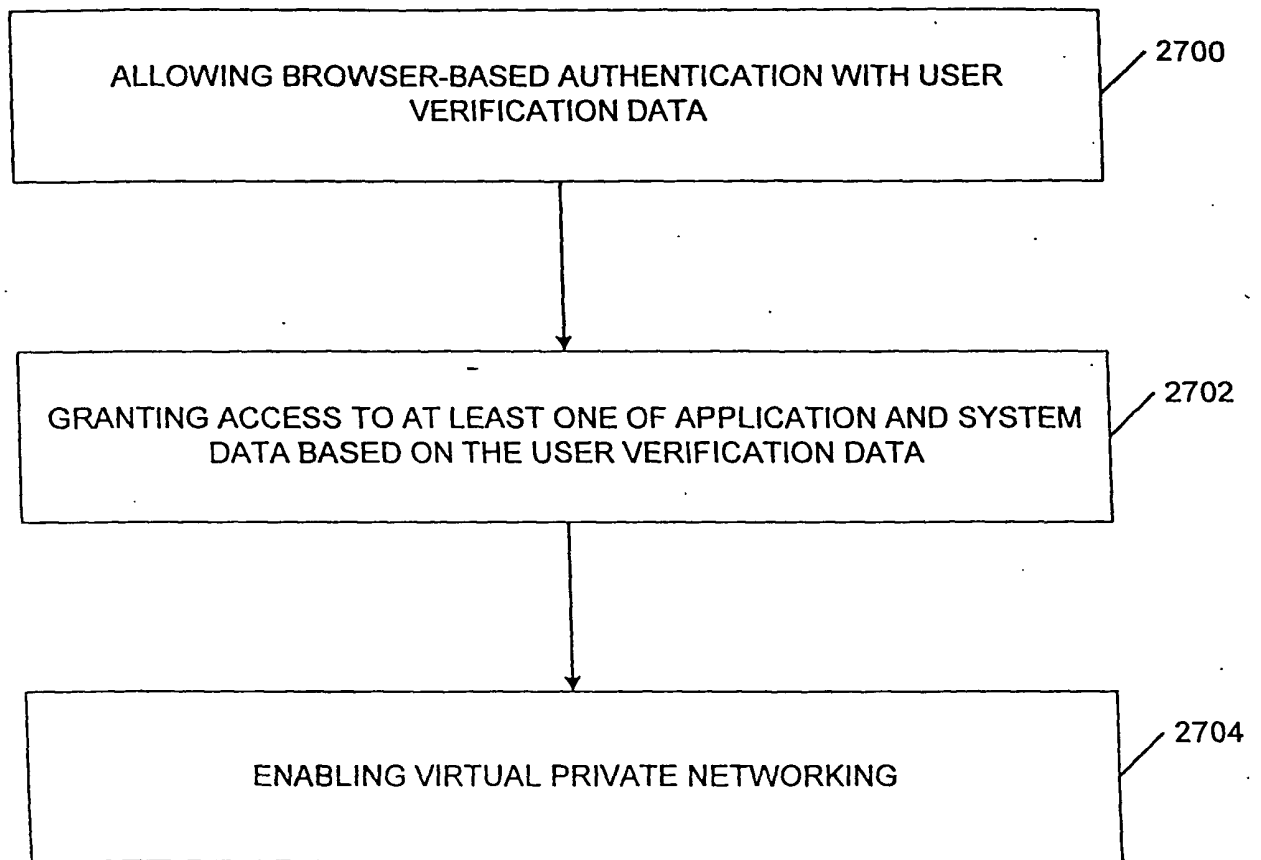


Figure 27

1414

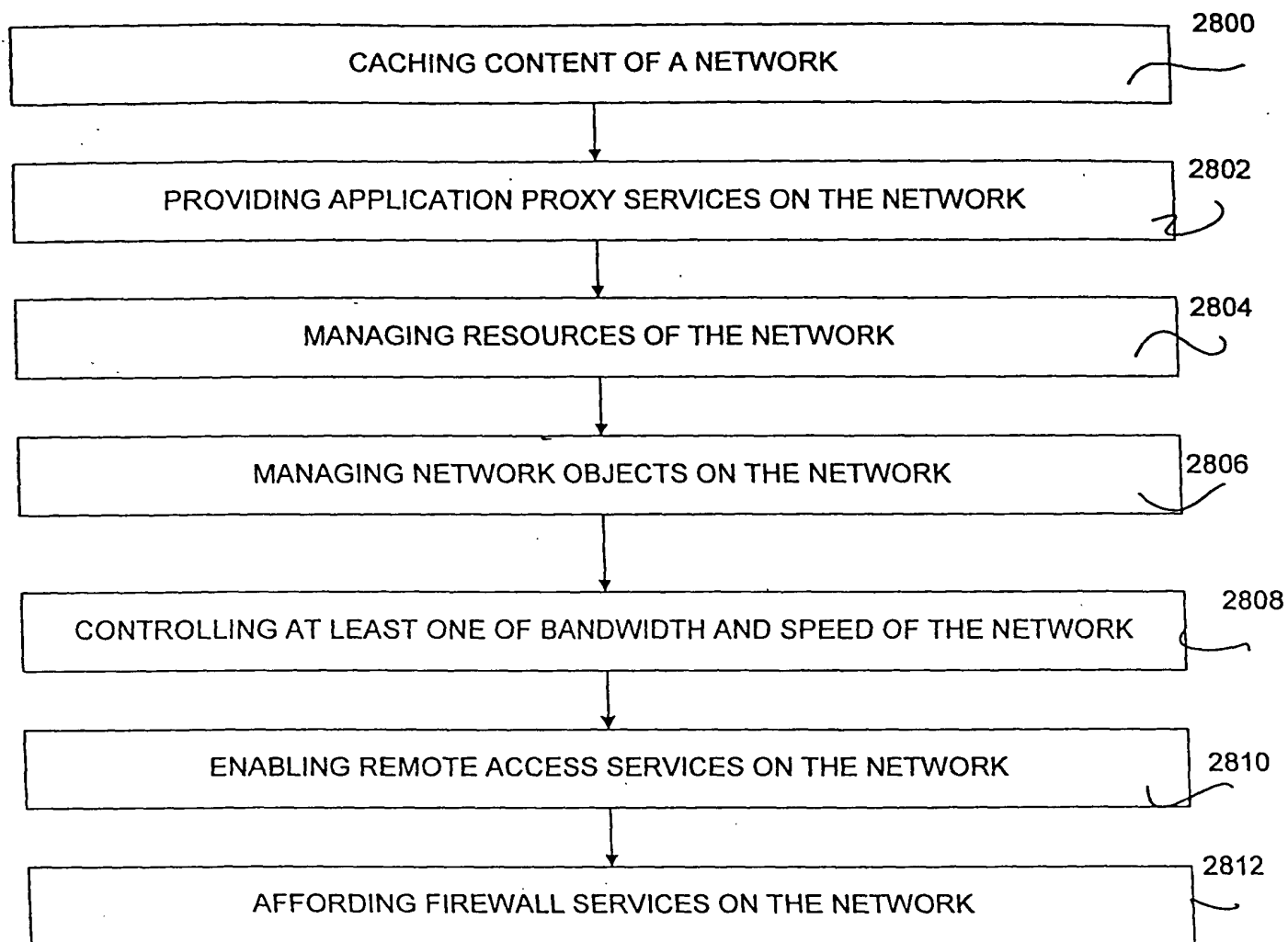


Figure 28

1416

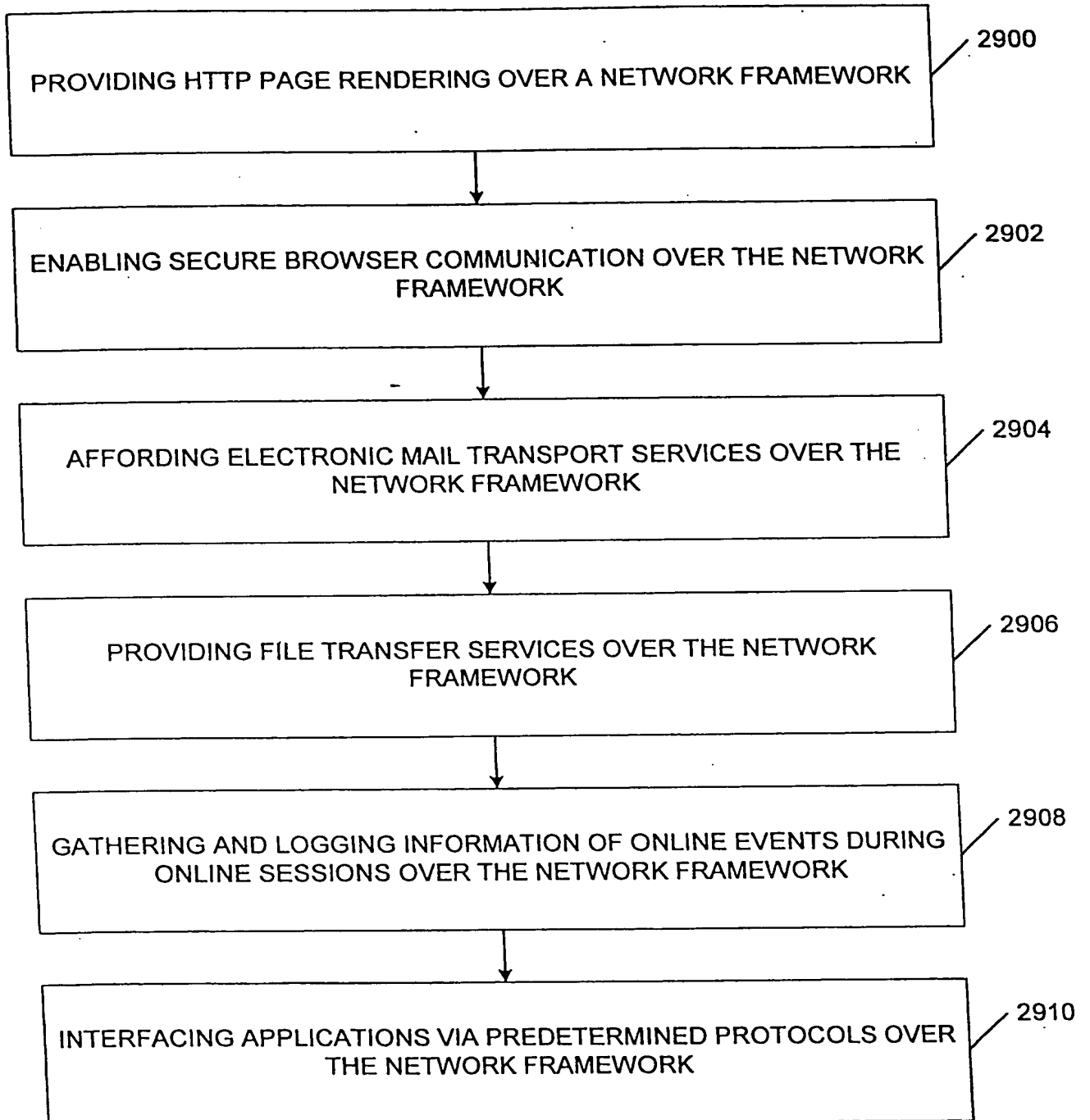


Figure 29

1418

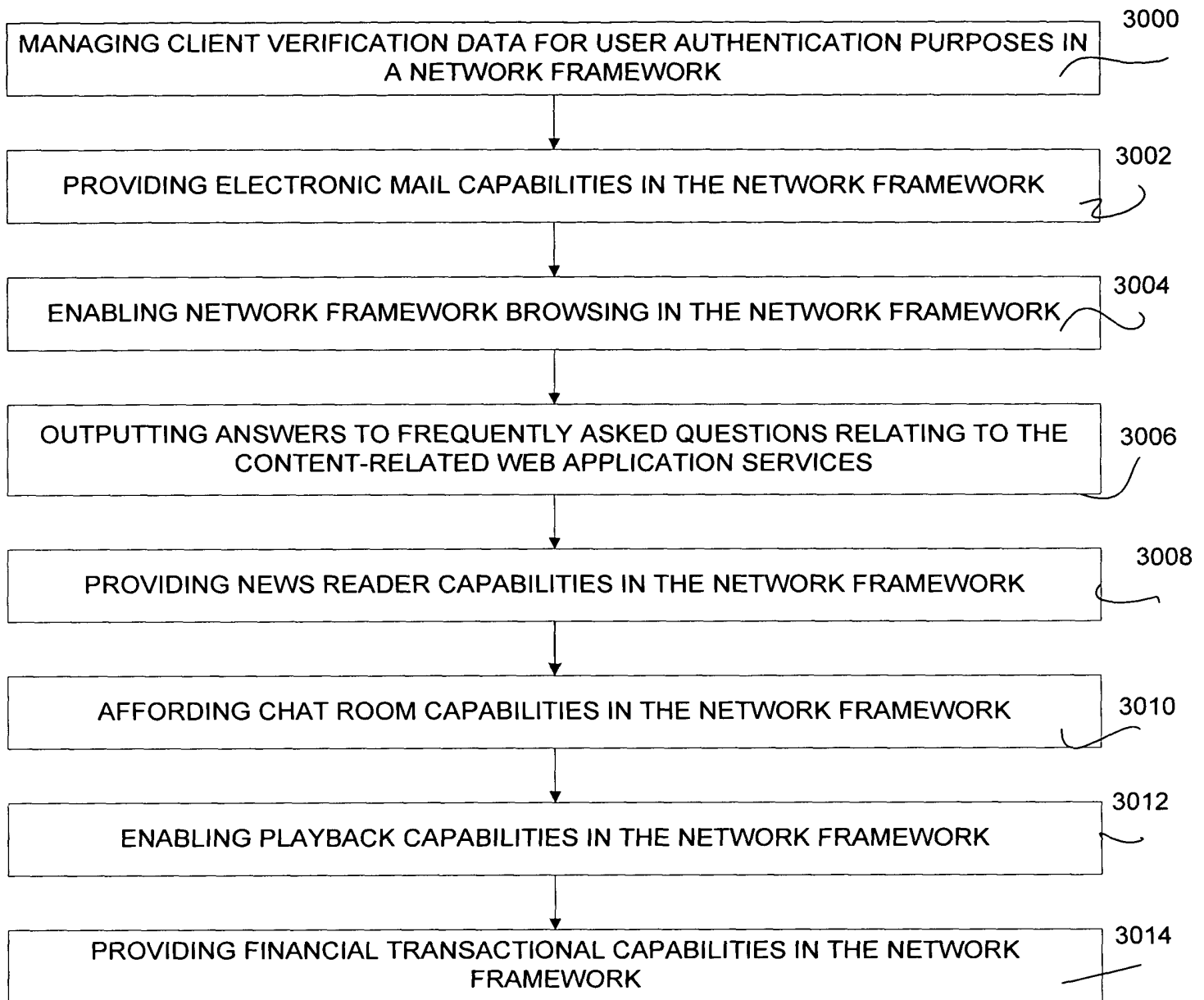


Figure 30

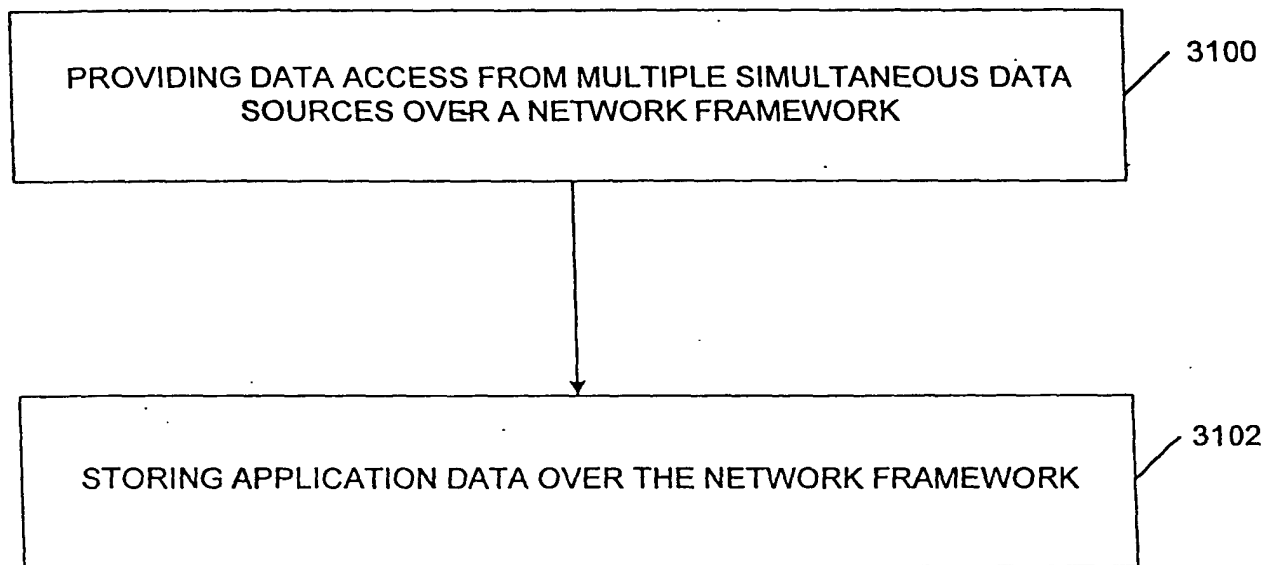
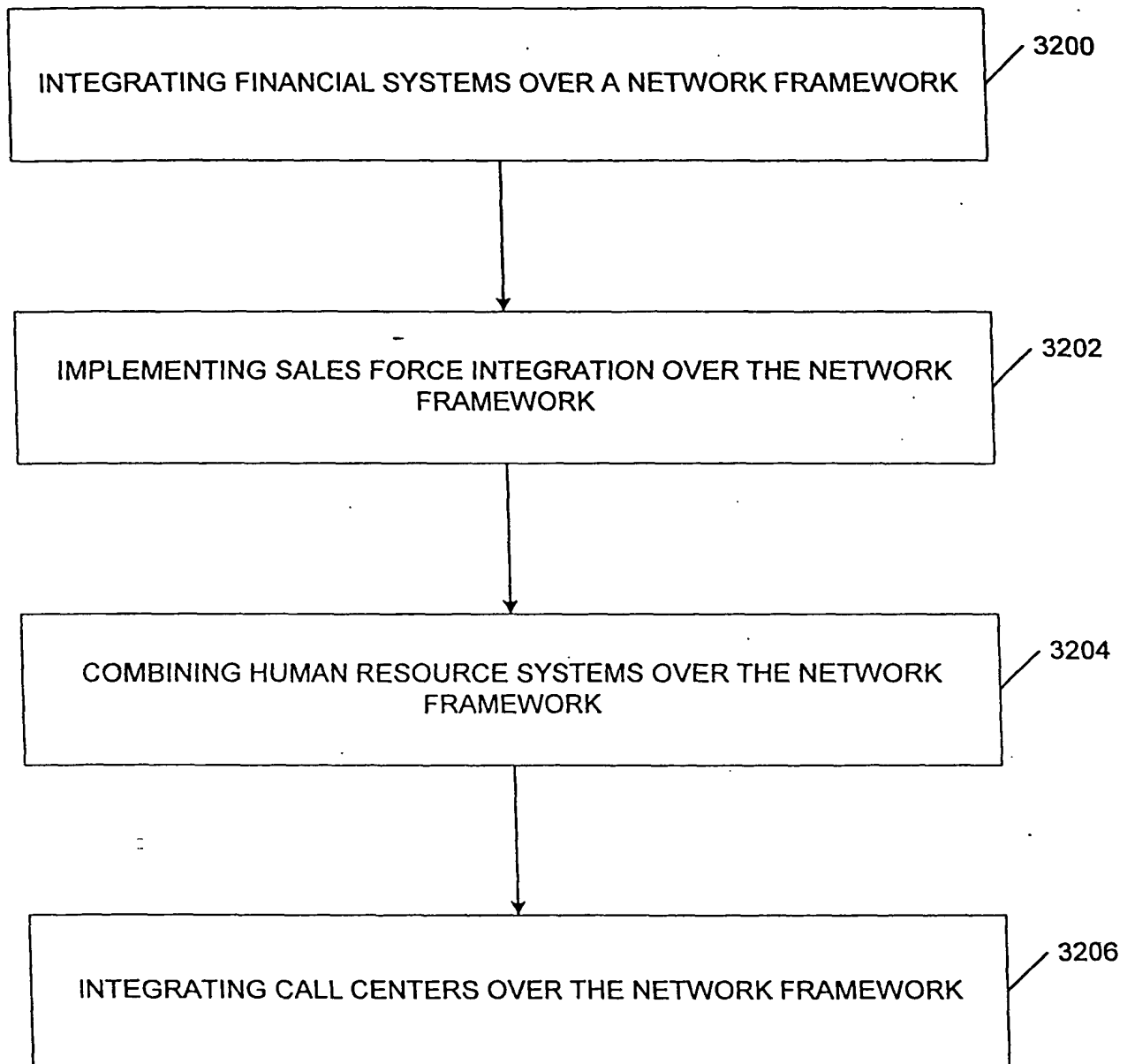


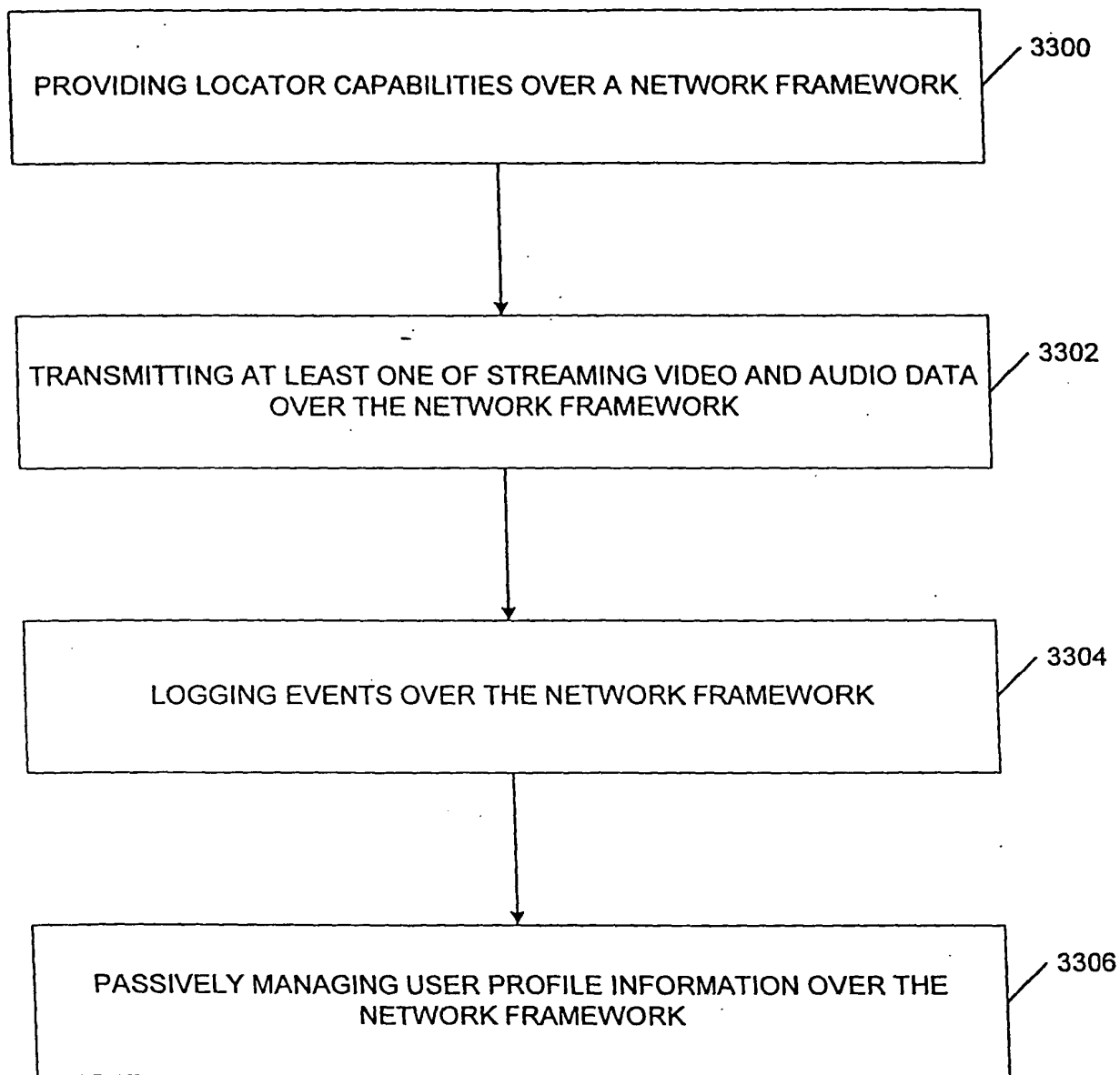
Figure 31

1424



1422

Figure 32



1426

Figure 33

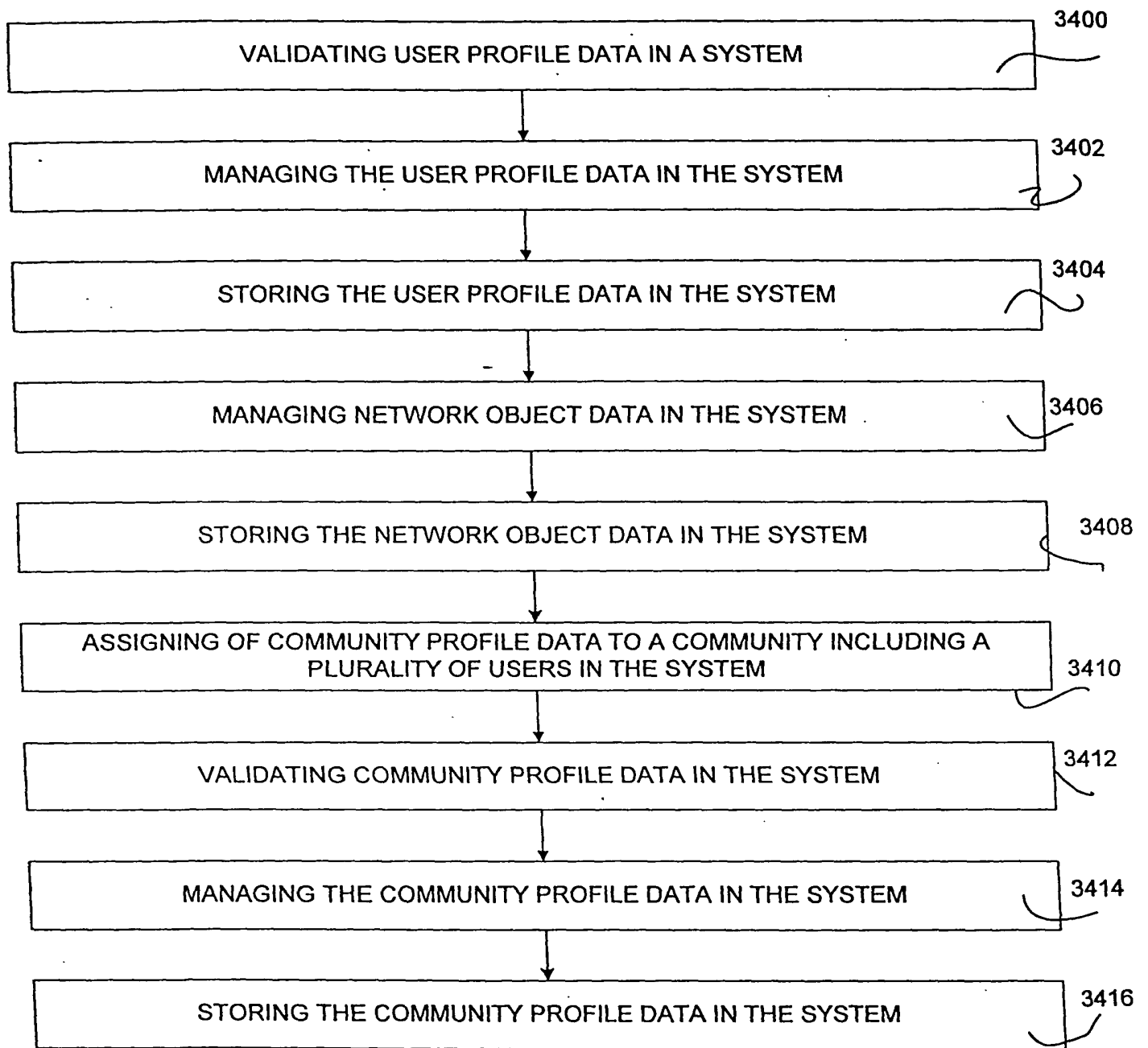


Figure 34

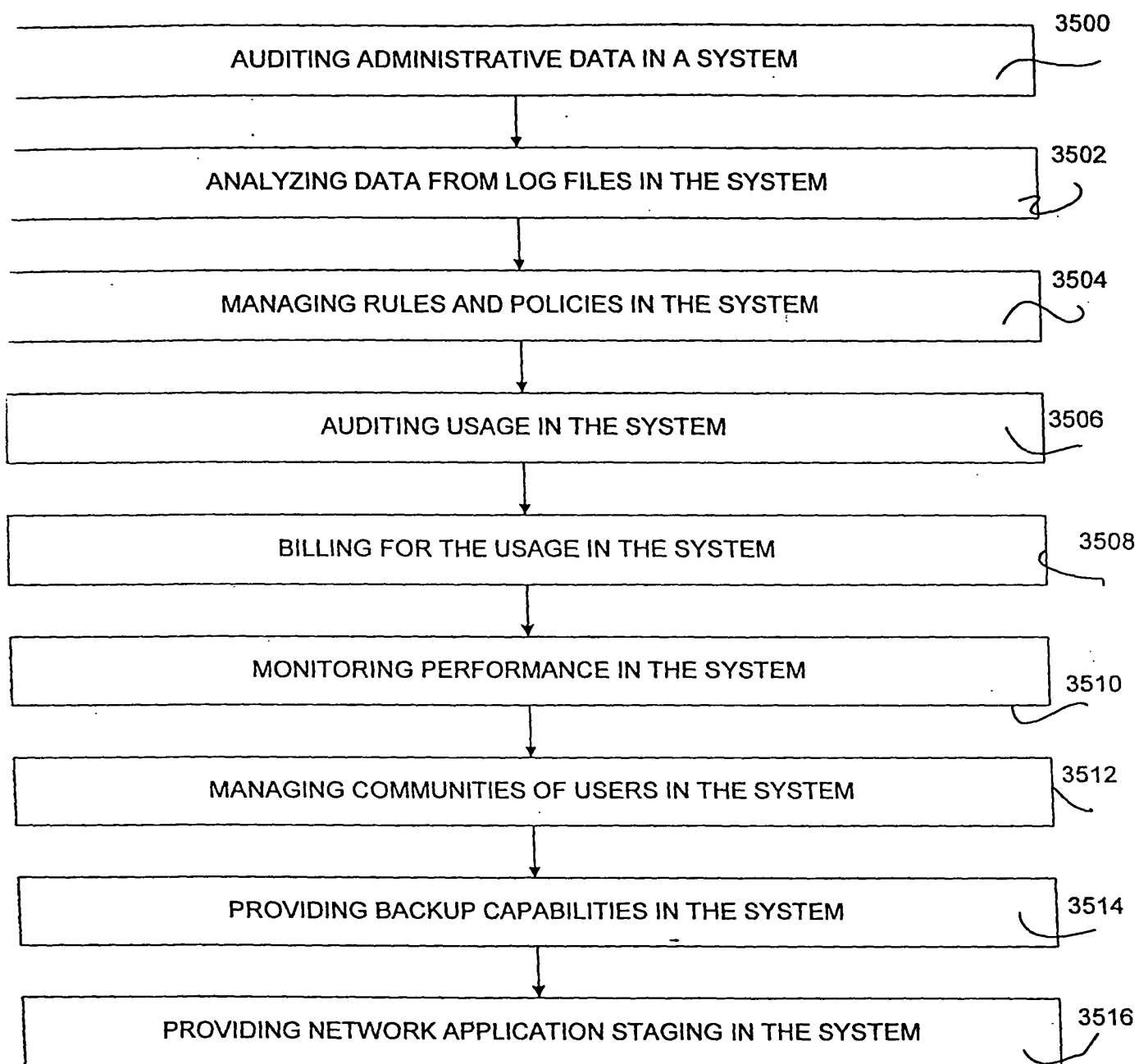


Figure 35

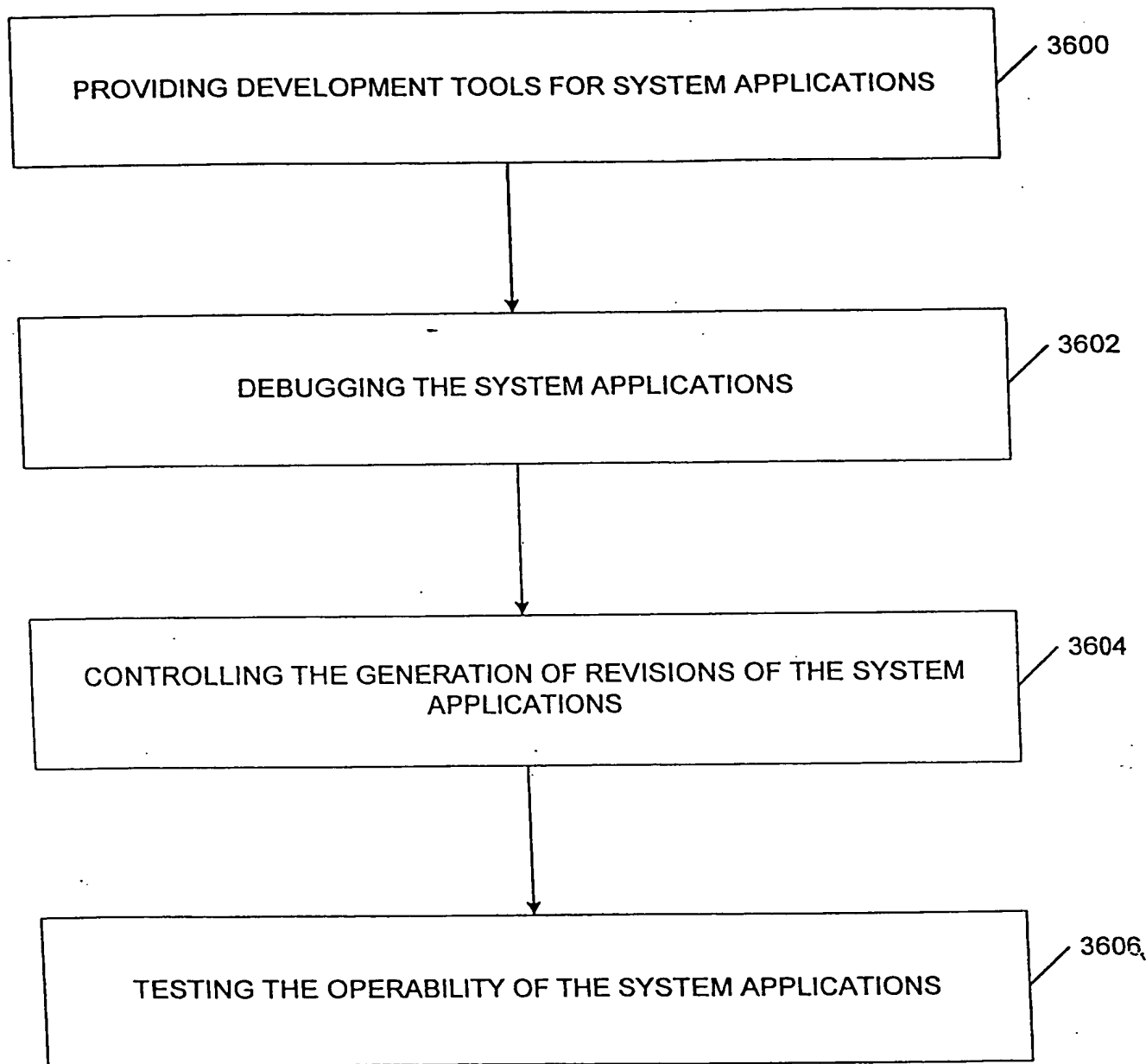


Figure 36